

HYDROBIOLOGIA

ACTA HYDROBIOLOGICA HYDROGRAPHICA ET
PROTISTOLOGICA

EDITORES

KAJ BERG, København — E. FAURÉ-FREMIET, Paris — FR. GESSNER, Kiel — T. T. MACAN, Ambleside. — G. MARLIER, Bruxelles — C. H. MORTIMER, Millport — P. VAN OYE, Gent — R. RYHÄNEN, Helsinki — VL. SLÁDEČEK, Praha — K. STRÖM, Oslo — W. R. TYLOR, Ann Arbor — V. TONOLLI, Pallanza — M. UÉNO, Kyoto.

Collaboratores

G. Abdin, Egypt — J. D. Agnew, Pretoria — A. A. Aleem, Alexandria — B. R. Allanson, Pretoria — B. Asmund, Snekersten, Denmark — A. P. Austin, Menai Bridge, Scotland — E. Balech, Necochea, Argentina — E. Bartos, Praha — B. Berzins, Uggelhult, Sweden — H. M. Bishai, Cairo — P. Bourrelli, Paris — A. J. Brook, Pitlochry, Scotland — D. Chardze, Oreye, Belgium — B. J. Cholnoky, Pretoria — G. Claus, New York — C. C. Cridland, Jinja, Uganda — J. Daget, Mopti, Soudan — R. Dayal, Allahabad, India — L. Decloitre, Maroc — G. Deflandre, Paris — Th. G. N. Dresscher, Amsterdam — B. N. Dussart, Gif-sur-Yvette, France — I. E. Efford, Oxford — S. Ehrlich, Haifa — J. H. Evans, Englefield Green, England — G. Farrugia, Gif-sur-Yvette — J. B. Ford, Southampton — B. Fott, Praha — S. V. Ganapati, Madras — H. P. Gandhi, Saurastra, India — B. M. Gilchrist, London — T. Gledhill, Ambleside, England — E. A. Gonzalves, Bombay — F. de Graaf, Amsterdam — Th. Grospiersch, Plön — A. B. Gupta, Kanpur, India — R. E. Hall, Southampton — K. Hansen, Hillerød, Denmark — A. D. Harisson, Salisbury S. Rhodesia — J. J. Harrod, Southampton — J. Hild, Köln — D. K. Hilliard, Anchorage, Alaska — P. F. Humphries, Dublin, Eire — F. Hustedt, Bremen — V. H. Jolly, Warrayamba, Australia — N. D. Kamat, Bombay — P. Keller, Pretoria — R. Labat, Toulouse — P. Leentvaar, Holland — M. Lefèvre, Gif-sur-Yvette — G. Lenhard, Pretoria — L. de Lepiney, Gif-sur-Yvette — J. De Ley, Gent — H. Löffler, Wien — A. Louis, Leuven, Belgium — J. W. G. Lund, Ambleside — J. C. Mackareth, Ambleside — R. Margalef, Barcelona — E. Messikommer, Zürich — A. Middelhoek, Enschede, Holland — H. Nasr, Alexandria — W. D. Oliff, Pretoria — A. du Plooy, Pretoria — E. Post, Kiel — B. Pourriot, Gif-sur-Yvette — G. W. Prescott, Ann Arbor, Mich. — M. De Ridder, Gent — W. R. Ross, Pretoria — A. M. Scott, New Orleans — A. Serfaty, Toulouse — N. N. Smirnov, Borok, U.S.S.R. — M. Štěpánek, Praha — Z. Szalay, Budapest — R. N. Tandon, Allahabad — E. A. Thomas, Zürich — K. Thomasson, Uppsala — M. Tuffrau, Gif-sur-Yvette — R. D. Tweed, Bangor, Wales — K. F. Vaas Yerseke, Holland — L. A. Whitford, Raley, N. C. — N. Woodhead, Bangor, Wales.

INDEX GENERALIS

VOLUMEN I-XXV

HYDROBIOLOGIA publishes original articles in the field of Hydrobiology, Limnology and Protistology. It will include investigations in the field of marine and freshwater Zoo- and Phytobiology, embracing also research on the Systematics and Taxonomy of the groups covered. Preliminary notices, polemics, and articles published elsewhere will not be accepted. The journal, however, contains short reviews of recent books and papers.

Eight numbers of the journal are published every year. Each number averages about 150 pages. Contributions must be clearly and concisely composed. They must be submitted in grammatically correct English, French, German, Italian or Spanish. Long historical introductions are not accepted. Protocols should be limited. Names of animals and plants must be given according to the laws of binomial nomenclature adopted at the recent International Congresses of Zoology and of Botany, including the author's name; it is desirable that the latter should be given in full. Measures and weights should be given in the decimal system. Every paper has to be accompanied by a short summary, and by a second one, written in an alternative language.

Manuscripts should be typewritten *not on airmail paper*, in double spacing on one side of the paper. The original should be sent. Original drawings should be submitted. Text figures will be reproduced by line engraving and hence should not include any shading, although figures which cannot be reproduced in this manner will be accepted if necessary. All drawings should be made on separate sheets of white paper, the reduction desired should be clearly indicated on the margin. The approximate position of textfigures should be indicated on the manuscript. A condensed title, should be cited as follows: in the text — AHLSTROM (1934); in the references - AHLSTROM, E. H. 1934. Rotatoria of Florida. *Trans. Amer. Micr. Soc.* 53: 252—266. In the case of a book in the text - HARVEY (1945), in the references - HARVEY, H. W. 1945. Recent Advances in the Chemistry and Biology of Sea Water. Cambridge Univ. Pr., London. Author's names are to be marked for printing in small capitals, latin names of animals and plants should be underlined to be printed in italics.

The various types of printing should be indicated by underlining the words in the following way:

— — — — — CAPITALS, e.g. for headlines; preferably *not* in the text.

— — — — — or straight blue line: SMALL CAPITALS, e.g. *all* names of persons, both in the text and in the references.

— — — — — spaced type, for sub-titles.

— — — — — or straight red line: *italics*, e.g. *all* Latin names of plants and animals, except those in lists and tables.

Manuscripts may be sent to any member of the board of editors or directly to the secretary, Prof. Dr. P. van Oye, 30, St. Lievenslaan, Ghent, Belgium, to whom proofs must be returned after being clearly corrected. Fifty free reprints of the paper with covers will be furnished by the publishers. Orders for additional copies should be noted on the form which is enclosed with the galleyproofs.

Books and reprints are to be sent to the secretary directly.

HYDROBIOLOGIA

ACTA HYDROBIOLOGICA HYDROGRAPHICA ET
PROTISTOLOGICA1-25,
1948-6

EDITORES

KAJ BERG, København — E. FAURÉ-FREMIET, Paris — FR. GESSNER, Kiel — T. T. MACAN, Ambleside. — G. MARLIER, Bruxelles — C. H. MORTIMER, Millport — P. VAN OYE, Gent — R. RYHÄNEN, Helsinki — VL. SLÁDEČEK, Praha — K. STRÖM, Oslo — W. R. TYLOR, Ann Arbor — V. TONOLLI, Pallanza — M. UÉNO, Kyoto.

Collaboratores

G. Abdin, Egypt — J. D. Agnew, Pretoria — A. A. Aleem, Alexandria — B. R. Allanson, Pretoria — B. Asmund, Snekkersten, Denmark — A. P. Austin, Menai Bridge, Scotland — E. Balech, Necochea, Argentina — E. Bartos, Praha — B. Berzins, Uggelhult, Sweden — H. M. Bishai, Cairo — P. Bourrelli, Paris — A. J. Brook, Pitlochry, Scotland — D. Chardez, Oreye, Belgium — B. J. Cholnoky, Pretoria — G. Claus, New York — C. C. Cridland, Jinja, Uganda — J. Daget, Mopti, Soudan — R. Dayal, Allahabad, India — L. Declotire, Maroc — G. Deflandre, Paris — Th. G. N. Dresscher, Amsterdam — B. N. Dussart, Gif-sur-Yvette, France — I. E. Efford, Oxford — S. Ehrlich, Haifa — J. H. Evans, Englefield Green, England — G. Farrugia, Gif-sur-Yvette — J. B. Ford, Southampton — B. Fott, Praha — S. V. Ganapati, Madras — H. P. Gandhi, Saurastra, India — B. M. Gilchrist, London — T. Gledhill, Ambleside, England — E. A. Gonzalves, Bombay — F. de Graaf, Amsterdam — Th. Grospietsch, Plön — A. B. Gupta, Kanpur, India — R. E. Hall, Southampton — K. Hansen, Hillerød, Denmark — A. D. Harisson, Salisbury S. Rhodesia — J. J. Harrod, Southampton — J. Hild, Köln — D. K. Hilliard, Anchorage, Alaska — P. F. Humphries, Dublin, Eire — F. Hustvedt, Bremen — V. H. Jolly, Warrayamba, Australia — N. D. Kamat, Bombay — P. Keller, Pretoria — R. Labat, Toulouse — P. Leentvaar, Holland — M. Lefèvre, Gif-sur-Yvette — G. Lenhard, Pretoria — L. de Lepiney, Gif-sur-Yvette — J. De Ley, Gent — H. Löffler, Wien — A. Louis, Leuven, Belgium — J. W. G. Lund, Ambleside — J. C. Mackareth, Ambleside — R. Margalef, Barcelona — E. Messikommer, Zürich — A. Middelhoek, Enschede, Holland — H. Nasr, Alexandria — W. D. Oliff, Pretoria — A. du Plooy, Pretoria — E. Post, Kiel — B. Pourriot, Gif-sur-Yvette — G. W. Prescott, Ann Arbor, Mich. — M. De Ridder, Gent — W. R. Ross, Pretoria — A. M. Scott, New Orleans — A. Serfaty, Toulouse — N. N. Smirnov, Borok, U.S.S.R. — M. Štěpánek, Praha — Z. Szalay, Budapest — R. N. Tandon, Allahabad — E. A. Thomas, Zürich — K. Thomasson, Uppsala — M. Tuffrau, Gif-sur-Yvette, — R. D. Tweed, Bangor, Wales — K. F. Vaas Yerseke, Holland — L. A. Whifford, Raley, N. C. — N. Woodhead, Bangor, Wales.

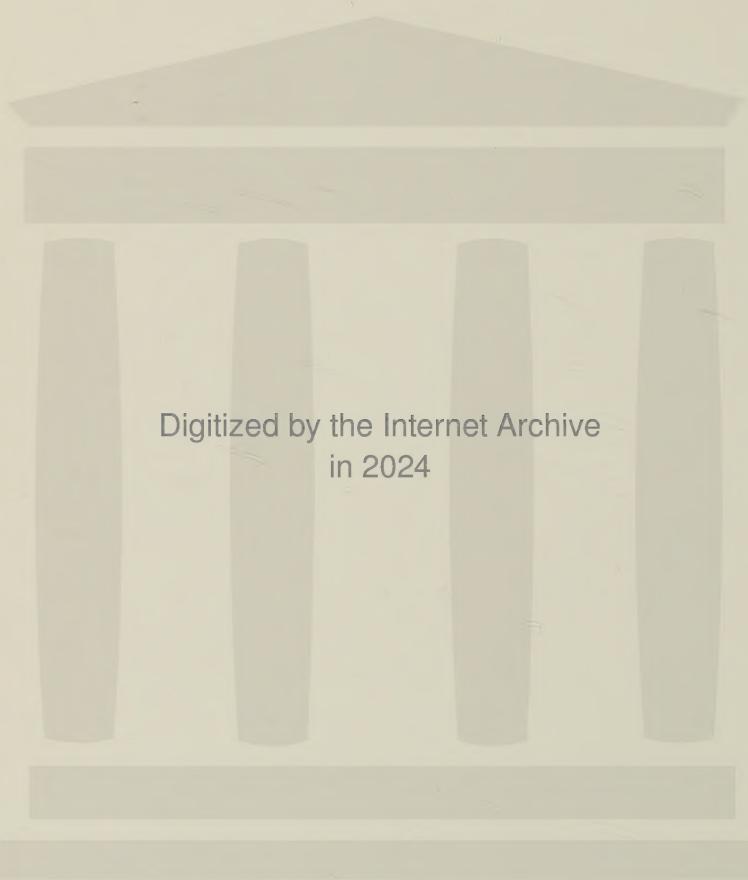
INDEX GENERALIS

VOLUMEN I-XXV

N.V. Drukkerij Hooiberg
Epe

INDEX GENERALIS VOLUMEN I - XXV

Index systematicus	1
Genera et species novae	36
Index autorum.....	60



Digitized by the Internet Archive
in 2024

INDEX SYSTEMATICUS

ACARINA

I. E. EFFORD: The taxonomy, distribution and habitat of the watermite,
Feltria romijni Besseling, 1930 XIX, 161-178
L. SZALAY: Ueber die Hydracarinen der unterirdischen Gewässer II, 141-179
L. SZALAY: Über die Wassermilben (Hydrachnellae) der Hohen Tatra VIII, 155-180
K. VIETS: Die aus Afrika bekannten Wassermilben (Hydrachnellae, Acari)
..... V, 1-178

AFRICA (GENERAL)

D. BARKER: The distribution and systematic position of the Thermos-
baenacea XIII, 209-235
K. VIETS: Die aus Afrika bekannten Wassermilben (Hydrachnellae, Acari). V, 1-178

ALGAE (GENERAL)

G. ABDIN: Benthic algal flora of Aswan reservoir (Egypt) II, 118-133
J. L. BLUM: An ecological study of the Algae of the Saline River, Michigan
..... IX, 361-408
P. BOURRELLY: Activités algologiques et limnologiques en France pendant
les années 1947-1948 II, 72- 83
P. BOURRELLY: Activités algologiques et limnologiques en France pendant
l'année 1949 III, 101-109
P. BOURRELLY: Activités algologiques et limnologiques en France pendant
l'année 1950 III, 379-389
P. BOURRELLY: Activités algologiques et limnologiques en France pendant
l'année 1951 V, 314-322
A. J. BROOK: Some observations on the feeding of Protozoa on freshwater
Algae IV, 281-293
A. J. BROOK: The bottom-living algal flora of slow sand filter beds of water-
works VI, 333-351
A. J. BROOK: The attached algal flora of slow sand filter beds of waterworks
..... VII, 103-117
D. SEYMORE BROWN: The ingestion and digestion of Algae by *Chloeon*
dipterum L. (Ephemeroptera) XVI, 81- 96
B. J. CHOLNOKY: Hydrobiologische Untersuchungen in Transvaal I. VII, 137-209
G. CLAUS: Beiträge zur Kenntnis der Algenflora der Abaligeter Höhle. XIX, 192-222
J. H. EVANS: Further investigations of the Algae of pond margins .. XV, 384-394
J. H. EVANS: Some new records and forms of Algae in Central East Africa
..... XX, 59- 86
E. A. FLINT: An investigation of the distribution in time and space of the
algae of a British water reservoir II, 217-240
B. FOTT: Neue russische algologische Literatur VI, 387-391
B. FOTT: Neue sowjetische algologische Literatur II VIII, 184-190
F. E. FRITSCH: Contribution to our knowledge of British Algae I, 115-125
A. B. GUPTA & K. LATA: Effect of algal growth hormones on the germination
of paddy seeds XXIV, 430-434
A. B. GUPTA & G. C. SHRIVASTAVA: On antibiotic properties of some fresh
water Algae XXV, 285-288
E. C. T. HOLSINGER: The plankton algae of three Ceylon Lakes VII, 8- 24
N. D. KAMAT: The Algae of Kolhapur, India XXII, 209-305
M. LEFÈVRE & G. FARRUGIA: De l'influence, sur les algues d'eau douce,
des produits de la décomposition spontanée des substances organiques
d'origine animale et végétale X, 49- 65
J. W. G. LUND: Contributions to our knowledge of British Algae II, 281-284
J. W. G. LUND: Contributions to our knowledge of British Algae.... III, 93-100

J. W. G. LUND: Contributions to our knowledge of British Algae ... VI, 136-143
 J. W. G. LUND: Contribution to our knowledge of British Algae, XIV. VII, 219-229
 J. W. G. LUND, C. KIPLING & E. D. LE CREN: The inverted microscope
 method of estimating algal numbers and the statistical basis of estimations
 by counting XI, 143-170
 E. MESSIKOMMER: Algennachweis in Entenexkrementen I, 22-27
 E. MESSIKOMMER: Beiträge zur Kenntnis der Algenflora des Kantons Zürich
 I, 133-168
 E. MESSIKOMMER: Beitrag zur Kenntnis der Algenflora des Urner Reusstales
 (Zentralschweiz) VI, 1-43
 A. H. NASR: Ecological observations on the marine Algae of Ghardaqa (Red
 Sea) VII, 245-255
 A. H. NASR & A. A. ALEEM: Ecological studies of some marine Algae from
 Alexandria I, 251-281
 G. F. PAPENFUSS: Review of the genera of algae described by Stackhouse. II, 181-208
 S. PRÁT: Zur Physiologie der Mineral- und Thermalwasservegetation VIII, 328-364
 G. W. PRESCOTT: Objectionable Algae with reference to the killing of fish
 and other animals I, 1-13
 G. W. PRESCOTT, H. SILVA & W. E. WADE: New or otherwise interesting
 fresh-water Algae from North America II, 84-93
 P. C. SILVA: Generic names of algae proposed for conservation II, 252-280
 E. A. THOMAS: Thermisch bedingte Horizontalzirkulationen, Wasserche-
 mismus und Algenwucherungen an Zürichseeufern XX, 40-58
 J. THOMAS & E. A. GONZALVES: Thermal Algae of western India. I. Algae
 of the hot springs at Akloli and Ganeshpuri XXV, 330-340
 J. THOMAS & E. A. GONZALVES: Idem. II. Algae of the hot springs at Palli
 XXV, 340-351
 W. E. WADE: Some notes on the algal ecology of a Michigan Lake ... II, 109-117
 W. WIESER: Untersuchungen über die algenbewohnende Mikrofauna
 mariner Hartböden VI, 144-217
 L. A. WHITFORD & G. J. SCHUMACHER: Communities of Algae in North
 Carolina streams and their seasonal relations XXII, 133-196
 N. WOODHEAD & R. D. TWEED: A check list of tropical west African Algae
 (fresh- and brackish-water) XI, 299-395
 N. WOODHEAD & R. D. TWEED: Freshwater Algae of Sierra Leone. I. New
 and unusual Algae from the Sula Hills XII, 181-225
 N. WOODHEAD & R. D. TWEED: A second check-list of tropical West African
 Algae XV, 225-286
 N. WOODHEAD & R. D. TWEED: Additions to the algal flora of Newfound-
 land. Part 1: New and interesting Algae in the Avalon Peninsula and
 Central Newfoundland. Part 2: A Consideration of the taxonomy of
 some Algae found in the Newfoundland collections XV, 309-362
 A. R. ZAFAR: On the ecology of Algae in certain fish ponds of Hyderabad,
 India. II. Distribution of unicellular and colonial forms XXIV, 556-566

ALGERIA

F. VAILLANT: *Hemerodromia Seguyi*, nouvel empidide d'Algérie destructeur
 de simulies V, 180-188

ANTARCTICA

A. v. d. WERFF: Diatoms in plankton samples of the Willem Barendsz-
 Expedition 1947 VI, 331-332

ARTHROPODA

H. CASPERS: Biozönotische Untersuchungen über die Strandarthropoden im
 bulgarischen Küstenbereich des Schwarzen Meeres III, 131-193

AUSTRALIA

B. BERZINŠ: Two new *Keratella*, Rotatoria, from Australia XXI, 380-388
 S. C. DUCKER: A new species of *Basicladia* on Australian freshwater turtles X, 157-174

AUSTRIA

H. PITSCHEIMANN: Zur Kenntnis der Biologie Alpiner Kleingewässer ... VI, 265-308

BACTERIA AND BACTERIOLOGY

A. BELING & H. W. JANNASCH: Hydrobakteriologische Untersuchungen der Fulda unter Anwendung der Membranfiltermethode VII, 36- 51
 G. VAN BENEDEK: Contribution nouvelle à l'étude des ferrobacteriacées (Première partie) III, 1- 64
 B. CZEZUGA: *Chlorobium limicola* Nads. (Chlorobacteriaceae) and the distribution of chlorophyll in some lakes of the Mazur Lake district XXV, 412-423
 CH. GERNEZ-RIUX, R. BUTTIAUX & G. MUCHEMBLE: Intérêt épidémiologique de la recherche des bactériophages dans les eaux I, 105-114
 A. D. HARRISON, P. KELLER & W. A. LOMBARD: Hydrobiological studies on the Vaal River in the Vereeniging Area. Part II: The chemistry, bacteriology and invertebrates of the bottom muds XXI, 66- 89
 P. KELLER: Bacteriological aspects of pollution in the Jukskei-Crocodile River System in the Transvaal, South Africa XIV, 205-254
 N. LAHAV & S. EHRLICH: The influence of bentonite and attapulgite on the aggregation of microorganisms and organic matter XX, 110-113
 M. LEFÈVRE: Contribution à la connaissance des bactéries des collections d'eau stagnantes et de leur rôle en hydrobiologie XII, 55- 72

BATRACHIA

M. BLANC: Etudes consacrées aux animaux dulcicoles et recherches d'hydrobiologie animale en France de 1945 à 1950 IV, 341-362

BELGIUM

D. CHARDEZ: Etude sur les Thecamoebiens d'une petite pièce d'eau X, 293-304
 D. CHARDEZ: Thécamoebiens des terres de Belgique I XIV, 72- 78
 D. CHARDEZ: Thécamoebiens des terres de Belgique II XVI, 197-202
 P. VAN OYE & A. GILLARD: Contribution à la connaissance de la distribution géographique de quelques Chlorophycées en Belgique II, 322-355

BERMUDA

W. R. TAYLOR: Notes on three Bermudian marine algae XVIII, 277-283

BOGS

J. BATUT: Etude de la faune submicroscopique de quelques Tourbières à *Sphagnum* XXV, 239-276
 F. DE GRAAF: The microflora and fauna of a quaking bog in the nature reserve „Het Hol“ near Kortenhoef in The Netherlands IX, 210-317
 N. N. SMIRNOV: Food cycles in sphagnous bogs XVII, 175-182
 M. ŠTĚPÁNEK: Rhizopoden aus alten, ausgetrockneten Moosproben XXI, 304-327

BRYOZOA

A. W. LACOURT: Some remarks on *Plumatella philippinensis* Kraepelin. VII, 261–263

BULGARIA

H. CASPERS: Biozönotische Untersuchungen über die Strandarthropoden im bulgarischen Küstenbereich des Schwarzen Meeres III, 131–193
 S. JAECKEL: Zur Kenntnis der Meeres- und Brackwasser-Mollusken von Varna (Bulgarien) VI, 70–82

CANADA

Frère IRÉNÉE MARIE I. C.: Contribution à la connaissance des Desmidiées de la région du Lac-St. Jean IV, 1–208
 Fr. IRÉNÉE-MARIE I. C.: Les *Cosmarium* de la région des Trois-Rivières VIII, 79–154
 Fr. IRÉNÉE-MARIE I. C.: Les *Micrasterias* de la région des Trois-Rivières IX, 66–88
 Fr. IRÉNÉE-MARIE I. C.: Les *Staurastrum* de la région des Trois-Rivières IX, 145–209
 Fr. IRÉNÉE-MARIE I. C.: Les *Staurastrum* de la Gaspésie P. Q. Can XI, 128–142
 Fr. IRÉNÉE-MARIE I. C.: Contribution à la connaissance des Desmidiées du Sud-est de la province de Québec et de la Gaspésie XII, 107–128
 Fr. IRÉNÉE-MARIE I. C.: Expédition algologique dans le nord de la Mauricie, bassin de la Mattawin XIII, 319–381
 N. WOODHEAD & R. D. TWEED: Additions to the algal flora of Newfoundland. Part 1: New and interesting Algae in the Avalon Peninsula and central Newfoundland. Part 2: A Consideration of the taxonomy of some Algae found in the Newfoundland collections XV, 309–362

CENTRAL AFRICA (EXCL. CONGO)

J. DAGET: Données récentes sur la biologie des poissons dans le delta central du Niger IX, 321–347
 J. DAGET: Faune relicte sur le revers oriental du plateau de Bandiagara (Afrique occidentale) XVIII, 95–108
 J. TH. DUBOIS: Evolution de la température de l'oxygène dissous et de la transparence dans la baie nord du Lac Tanganiaka X, 215–240
 J. H. EVANS: The distribution of phytoplankton in some central East African waters XIX, 299–315
 J. H. EVANS: Some new records and forms of Algae in central East Africa XX, 59–86
 D. J. GARROD: The growth of *Tilapia esculenta* Graham in Lake Victoria XII, 268–298
 P. R. HESSE: The distribution of sulphur in the muds, water and vegetation of Lake Victoria XI, 29–39
 P. R. HESSE: Fixation of sulphur in the muds of Lake Victoria XI, 171–181
 B. S. NEWELL: The hydrology of Lake Victoria XV, 363–383
 N. WOODHEAD & R. D. TWEED: A check list of tropical West African Algae (fresh- and brackish-water) XI, 299–395
 N. WOODHEAD & R. D. TWEED: Freshwater Algae of Sierra Leone. I. New and unusual Algae from the Sula Hills XII, 181–225
 N. WOODHEAD & R. D. TWEED: A second check-list of tropical West African Algae XV, 225–286

CEYLON

E. C. T. HOLSINGER: The plankton algae of three Ceylon Lakes VII, 8–24

E. C. T. HOLSINGER: The distribution and periodicity of the phytoplankton of three Ceylon Lakes VII, 25- 35

CHAETOPHORALES

A. S. KHAN: On the occurrence of *Physolinum monile* (De Wildeman) Printz in England III, 79- 83
 M. A. POCOCK: *Letterstedtia insignis* Areschoug XIV, 1- 71
 G. W. PRESCOTT: The fresh-water Algae of Montana, I. New species of Chaetophoraceae VII, 52- 59
 H. PRINTZ: Die Chaetophoralen der Binnengewässer XXIV, 1-376

CHAROPHYTES

E. A. GONZALVES & B. S. VAIDYA: On the larvicidal properties of Charophytes XXI, 188-192

CHIRONOMIDAE

B. CZEZUGA: Quantitative proportions of glycogen in certain species of the Tendipedidae (Diptera) larvae XXII, 92-110
 J. B. FORD: The vertical distribution of larval Chironomidae (Dipt.) in the mud of a stream XIX, 262-272
 G. H. FRANK: The hatching pattern of five species of Chironomid from a small reservoir in the eastern Transvaal Lowveld as revealed by a new type of trap XXV, 52- 68
 M. GOETGHEBUER, C. F. HUMPHRIES & A. M. FITZGERALD: Metamorphosis of the Chironomidae I I, 410-424
 H. HENSON: The larva, pupa and imago of *Hydrobaenus ephemerae* Kieff. (Chironomidae, Diptera) IX, 25- 37
 C. F. HUMPHRIES: Metamorphosis of the Chironomidae III, 209-216
 G. MARCUZZI: Contributions to the knowledge of Tendipedidae of Padova and Venice I, 183-209
 O. A. SÆTER: Larval overwintering cocoons in *Endochironomus tendens* Fabricius XX, 377-381

CHLOROPHYCEAE

M. CAMPION: A survey of the green algae epiphytic on the shells of some freshwater mollusks VIII, 38- 53
 S. C. DUCKER: A new species of *Basicladia* on Australian freshwater turtles X, 157-174
 E. A. GONZALVES & K. R. MEHRA: *Oocystaenium*, a new genus of the Chlorococcales XIII, 201-206
 N. D. KAMAT: Chlorophyceae of Ahmedabad, India XX, 248-279
 A. LOUIS: La germination de la zygospore et l'ontogénèse des filaments chez *Spirogyra stictica* Wille XVI, 109-117
 R. MARGALEF: Modifications induced by different temperatures on the cells of *Scenedesmus obliquus* (Chlorophyceae) VI, 83- 94
 P. VAN OYE & A. GILLARD: Contribution à la connaissance de la distribution géographique de quelques Chlorophycées en Belgique II, 322-355
 J. PROSKAUER: On the nuclear cytology of *Hydrodictyon* IV, 399-408
 Y. S. R. K. SARMA: Observations on the akinete formation and karyology of *Cylindrocapsa involuta* Reinsch XX, 373-376
 R. C. STARR: Reproduction by zoospores in *Planktosphaeria gelatinosa* G. M. Smith VI, 392-397

CHYSOMELIDAE

N. N. SMIRNOV: Nutrition of *Galerucella nymphaea* L. (Chrysomelidae),
mass consumer of Water-Lily XV, 208-224

CHYSOPHYCEAE

B. ASMUND & D. K. HILLIARD: Studies on Chrysophyceae from some ponds
and lakes in Alaska. I. *Mallomonas* species examined with the electron
microscope XVII, 237-258
D. K. HILLIARD & B. ASMUND: Studies on Chrysophyceae from some ponds
and lakes in Alaska II. Notes on the genera *Dinobryon*, *Hyalobryon* and
Epipyxis with descriptions of new species XXII, 331-397
J. W. G. LUND: Some new or rare Chrysophyceae from the English Lake
District XVI, 97-108
Wm. R. TAYLOR: Structure and reproduction of *Chrysophaeum Lewisii* III, 122-130

CICHLIDAE

H. M. BISHAI: Experiments on the suitability of broad beans (*Vicia faba* L.)
as diet for fish XX, 31-39
H. M. BISHAI: Resistance of *Tilapia nilotica* L. to higher temperatures.
..... XXV, 473-488
C. C. CRIDLAND: Laboratory experiments on the growth of *Tilapia* spp. I.
The value of various foods XV, 135-160
C. C. CRIDLAND: Laboratory experiments on the growth of *Tilapia* spp.
The reproduction of *Tilapia esculenta* under artificial conditions XVIII, 177-184
C. C. CRIDLAND: Laboratory experiments on the growth of *Tilapia* spp. The
effect of light and temperature on the growth of *T. zillii* in aquaria XX, 155-166
J. DUSART: Contribution à l'étude de l'adaption des *Tilapia* (Pisces Cichlidae)
à la vie en milieu mal oxygéné XXI, 328-341
G. R. FISH: The comparative activity of some digestive enzymes in the
alimentary canal of *Tilapia* and perch XV, 161-178
D. J. GARROD: The growth of *Tilapia esculenta* Graham in Lake Victoria
..... XII, 268-298
A. GRUBER: Etude de deux facteurs inhibant la production de *Tilapia mela-*
nopleura Dum. XIX, 129-145
D. RIEDEL: Some remarks on the fecundity of *Tilapia* (*T. mossambica*
Peters) and its introduction into Middle Central America (Nicaragua)
together with a first contribution towards the limnology of Nicaragua
..... XXV, 357-387
P. J. LE ROUX: Growth of *Tilapia mossambica* Peters in some Transvaal
impoundments XVIII, 165-175
J. T. SPAAS: Contribution à la biologie de quelques Cichlides III. Phénomènes énergétiques en fonction de la température XIV, 155-176

CILIATA

E. FAURÉ-FREMIET: Deux espèces de *Vorticella* commensales des *Conochilus*: I, 126-132
E. FAURÉ-FREMIET: Associations infusoriennes à *Beggiatoa* III, 65-71
E. FAURÉ-FREMIET: Le Cilié hétérotrophe *Condylostoma tardum* Penard. X, 38-42
E. FAURÉ-FREMIET: Le Cilié *Condylostoma tenuis* n. sp. et son algue symbio-
tique X, 43-48
E. FAURÉ-FREMIET: Documents et observations écologiques et pratiques sur
la culture des Infusoires Ciliés XVIII, 300-320
E. FAURÉ-FREMIET & M. TUFFRAU: *Sonderia labiata* n. sp., Cilié Trichos-
stome Psammobie VII, 210-218

F. DE GRAAF: Commensal organisms in the colonies of *Conochilus unicornis* Rousselet. With a note on *Phormidium mucicola* Huber et Naumann... V, 390-399
 J. MORAVCOVÁ: Another rediscovery of commensal *Vorticella* upon *Conochilus* in Czechoslovakia VIII, 181-183
 S. SCHWARZ: Die Tintinnoinea XXIII, 211-245
 J. STILLER: Epizoïsche Peritrichen aus dem Balaton III V, 189-221
 M. TUFFRAU: Révision du genre *Euploites*, fondée sur la comparaison des structures superficielles XV, 1-77
 K. VANAMALA NAIDU: Studies on freshwater Protozoa of South India, II. Ciliophora XXV, 545-570

CLADOCERA

J. BATUT: Etude de la faune submicroscopique de quelques tourbières à *Sphagnum* XXV, 239-276
 J. HRBAČEK: Circulation of water as a main factor influencing the development of helmets in *Daphnia cucullata* Sars XIII, 170-185
 J. H. JOLLY: Observations on the genus *Bosmina* in New Zealand V, 309-313
 Ph. D. MORDUKHAI-BOLTOVSKOI: Polyphemidae of the Pontocaspian Basin XXV, 212-220
 R. POURRIOT: Contribution à la connaissance des Rotifères et des Cladocères de la région parisienne IX, 38-49
 N. N. SMIRNOV: *Eury cercus lamellatus* (O. F. Müller) (Chydoridae, Cladocera): Field observations and nutrition XX, 280-294
 N. N. SMIRNOV: On inshore Cladocera of the Volga water reservoirs. XXI, 166-176
 N. N. SMIRNOV: On the seasonal distribution of inshore Cladocera of the Volga water reservoirs XXII, 202-207
 N. N. SMIRNOV: *Pleuroxis* (Chydoridae): Field observations and growth XXIII, 305-320
 W. J. P. SMYLY: Distribution and seasonal abundance of Entomostraca in moorland ponds near Windermere XI, 59-72
 Z. YARON: Notes on the ecology and Entomostracan fauna of temporary rainpools in Israel XXIV, 489-513

COLEOPTERA

C. BERTHÉLÉMY & B. STRAGIOTTI: Etude taxonomique de quelques larves de *Limnius* et de *Riolus* s.l. européens (Coléoptères Elmínthidae)... XXV, 501-517

CONGO

W. P. Bervoets: De l'effet de l'hexachlorcyclohexane sur le Plankton... IV, 214-219
 A. F. DE BONT & H. MAES: Conductivité électrique de quelques rivières Katangaises VIII, 279-287
 A. F. DE BONT & H. MAES: Relation entre le frai du *Labeo altivelis* Peters et la conductivité des eaux VIII, 288-292
 A. GRUBER: Etude de deux facteurs inhibant la production de *Tilapia melanopleura* Dum XIX, 129-145
 G. MARLIER: Recherches hydrobiologiques dans les rivières du Congo Oriental I III, 217-227
 G. MARLIER: Recherches hydrobiologiques dans les rivières du Congo Oriental II VI, 225-264
 G. MARLIER: Recherches hydrobiologiques au lac Tumba (Congo Belge, Province de l'Equateur) X, 352-385
 P. VAN OYE: Nouvelles données sur les Desmidiées des environs de Matadi (Congo Belge) I, 282-308
 P. VAN OYE: Contribution à la connaissance des Desmidiées du Congo belge V, 239-308

P. VAN OYE: Etude sur les Rhizopodes des marais du Sud-ouest d'Uvira (Congo Belge) X, 85-137
 P. VAN OYE: Quelques Desmidiées dites Arctiques Alpines des marais du sud-ouest d'Uvira (Congo Belge) XII, 251-267
 P. VAN OYE: Faune rhizopodique du plateau de Kundulungu (Congo Belge) avec considérations concernant la répartition géographique des Rhizopodes XIII, 239-286

COPEPODA

J. BATUT: Etude de la faune submicroscopique de quelques tourbières à *Sphagnum* XXV, 239-276
 G. W. COMITA: *Cyclops magnus* from Amchitka, Alaska IV, 337-340
 B. DUSSART: Remarques sur le genre *Cyclops* s. str. (Crust. Cop.) X, 263-292
 T. ITO: Groundwater Copepods from South-western Japan XI, 1-28
 V. H. JOLLY: A review of the genera *Calamoecia* and *Brunella* VII, 279-284
 L. DE LÉPINEY: Contribution à la connaissance des Copépodes de la région parisienne XX, 213-216
 L. DE LÉPINEY: Sur l'élevage de Copépodes au laboratoire XX, 217-222
 K. LINDBERG: Liste des Cyclopoides gnathostomes (Crustacés copépodes) des Iles britanniques et de l' Irlande II, 301-312
 K. LINDBERG: Un Cyclopide (Crustacé copépode) troglobie de Madagascar VI, 97-119
 S. SCHWARZ: Zur Crustaceenfauna der Brackwassergebiete Rügens und des Darss. (*Acartia tonsa*, *Caligus lacustris*, *Microdeutopus grylliotalpa*) XVI, 293-306
 V. SLÁDEČEK: Some new Cyclopids from the Baikal Lake V, 179-188
 W. J. P. SMYLY: Distribution and seasonal abundance of Entomostraca in moorland ponds near Windermere XI, 59-72
 Z. YARON: Notes on the ecology and Entomostracan fauna of temporary rainpools in Israel XXIV, 489-513

CRUSTACEA (GENERAL)

H. LÖFFLER: Ergebnisse der Österreichischen Ireneexpedition 1949/1950 VIII, 201-278
 J. RZOSKA: Observations on tropical rainpools and general remarks on temporary waters XVII, 265-286

ČSR

E. BARTOŠ: On the Bohemian species of the genus *Pedalia* Barrois I, 63-77
 V. MORAVCOVÁ: Another rediscovery of commensal *Vorticella* upon *Conochilus* in Czechoslovakia VIII, 181-183
 V. SLÁDEČEK: The first whole state's working conference of Czechoslovakian hydrobiologists VI, 95-96
 V. SLÁDEČEK: A note on the occurrence of *Hexarthra fennica* Levander in Czechoslovakian oligohaline waters VII, 64-67
 V. SLÁDEČEK: The Fourth Conference of Czechoslovakian Hydrobiologists XII, 73-78
 V. SLÁDEČEK: The Fifth Conference of Czechoslovakian Hydrobiologists XVI, 218-228
 V. SLÁDEČEK: Contribution to the knowledge of the Rotifer *Ascomorpha minima* Hofsten XVIII, 274-276
 V. SLÁDEČEK: The Sixth Conference of Czechoslovakian Hydrobiologists XX, 295-307
 M. ŠTĚPÁNEK & J. JIŘÍ: *Diffugia gramen* Penard, *Diffugia gramen* var. *achlora* Penard and *Diffugia gramen* f. *globulosa* f.n. (Morphometrical and statistical study) X, 138-156
 L. SZALAY: Über die Wassermilben (Hydrachnellae) der Hohen Tatra. VIII, 155-180

CYPRINIDAE

S. EHRLICH: Studies on the influence of nutria on carp growth.... XXIII, 196-210
 K. P. KRISHNAMOORTHY & G. VISWESWARA: Hydrobiological studies with reference to sudden fish mortality XXI, 275-303
 R. LABAT & A. SERFATY: Modifications électrocardiographiques chez la carpe (*Cyprinus carpio L.*) au cours des changements de salinité XVIII, 185-191
 J. PEQUIGNOT & A. SERFATY: La respiration tissulaire des branchies des Téléostéens d'eau douce XXII, 47- 54
 C. PEYRAUD & A. SERFATY: Le rythme respiratoire de la carpe (*Cyprinus carpio L.*) et ses relations avec le taux de l'oxygène dissous dans le biotope XXIII, 165-178
 A. SERFATY & R. LABAT: Le facteur pression et les réactions cardiaques chez les poissons téléostéens d'eau douce XVI, 357-363
 A. SERFATY, R. LABAT & R. QUILLIER: Les réactions cardiaques chez la carpe (*Cyprinus carpio*) au cours d'une anesthésie prolongée XIII, 144-151
 A. SERFATY & P. RAYNAUD: Le réflexe aéro-cardiaque chez la carpe commune (*Cyprinus carpio L.*) et le phénomène d'échappement XII, 38- 42
 A. SERFATY & M. WAITZENEGGER: Influence des variations du facteur thermique sur l'intensité du réflexe aero-cardiaque chez la carpe commune (*Cyprinus carpio L.*) XXIII, 281-286
 K. F. VAAS & A. VAAS-VAN OVEN: Studies on the production and utilization of natural food in Indonesian carp ponds XII, 308-392

DANMARK

B. ASMUND: Occurrence of *Dinobryon crenulatum* Wm. et G. S. West in some Danish ponds and remarks on its morphology, cyst formation and ecology VII, 75- 87
 A. P. AUSTIN: Observations on *Furcellaria fastigiata* (L.) Lam forma *aegagropila* Reinke in Danish waters together with a note on other attached algal forms XIV, 255-277
 K. BERG: Notes on some large Danish springs III, 72- 78
 K. BERG, P. M. JÓNASSON & K. W. OCKELMANN: The respiration of some animals from the profundal zone of a lake..... XIX, 1- 39
 T. T. MACAN: The Corixidae (Hemipt.) of some Danish lakes VI, 44- 69
 A. NIELSEN: On the zoogeography of springs II, 313-321
 E. STEEMAN NIELSEN: The production of organic matter by the phytoplankton in a danish lake receiving extraordinarily great amounts of nutrient salts VII, 68- 84
 J. THORUP: Growth and life-cycle of invertebrates from Danish springs XXII, 55- 84

DECAPODA

D. J. JEFFERIES: The moulting behaviour of *Palaemonetes varians* (Leach) (Decapoda; Palaemonidae) XXIV, 457-488
 M. S. KARAMAN: Studie der Astacidae (Crustacea, Decapoda) II. Teil XXII, 111-132

DESMIDIACEAE

K. FÖRSTER: Desmidiaceen aus Brasilien. 2. Teil: Bahia, Goyaz, Piauhy und Nord-Brasilien XXIII, 321-505
 FRÈRE IRÉNÉE-MARIE I. C.: Contribution à la connaissance des Desmidiées de la région du Lac-St. Jean IV, 1-208
 Fr. IRÉNÉE-MARIE, I. C.: Les *Cosmarium* de la Région des Trois-Rivières VIII, 79-154

Fr. IRÉNÉE-MARIE I. C.: Les *Micrasterias* de la région des Trois-Rivières. IX, 66-88
 Fr. IRÉNÉE-MARIE I. C.: Les *Staurastrum* de la Région des Trois-Rivières IX, 145-209
 Fr. IRÉNÉE-MARIE I. C.: Les *Staurastrum* de la Gaspésie P. Q. Can XI, 128-142
 Fr. IRÉNÉE-MARIE, I. C.: Contribution à la connaissance des Desmidiées du Sud-est de la Province de Québec et de la Gaspésie XII, 107-128
 Fr. IRÉNÉE-MARIE, I. C.: Expédition algologique dans le nord de la Mauricie, bassin de la Mattawin XIII, 319-381
 Fr. IRÉNÉE-MARIE & D. K. HILLIARD: Desmids from Southcentral Alaska XXI, 90-124
 W. KRIEGER & A. M. SCOTT: Einige Desmidiaceen aus Peru IX, 126-144
 P. VAN OYE: Nouvelles données sur les Desmidiées des environs de Matadi (Congo Belge) I, 282-308
 P. VAN OYE: Contribution à la connaissance des Desmidiées du Congo belge V, 239-308
 P. VAN OYE: Quelques Desmidiées dites Arctiques Alpines des marais du sud-ouest d'Uvira (Congo Belge) XII, 251-267
 A. M. SCOTT & G. W. PRESCOTT: The algal flora of Southeastern United States, VI. Additions to our knowledge of the desmid genus *Euastrum* 2 IV, 377-398
 A. M. SCOTT & G. W. PRESCOTT: Indonesian Desmids XVII, 1-132

DIATOMEAE

S. BISWAS: A new variety of *Nitzschia sinuata* (W. Sm.) Grun. from North Wales, Great Britain XXIII, 511-514
 B. J. CHOLNOKY: Hydrobiologische Untersuchungen in Transvaal, I. Vergleichung der herbstlichen Algengemeinschaften in Rayton-vlei und Leeufontein VII, 137-209
 B. J. CHOLNOKY: Hydrobiologische Untersuchungen in Transvaal II. Selbstreinigung im Jukskei- Crocodile Fluss-system XI, 205-266
 B. J. CHOLNOKY: Beiträge zur Kenntnis der Ökologie der Diatomeen in dem Swartkops-Bache nahe Port Elisabeth (Südost-Kaapland) XVI, 229-287
 B. J. CHOLNOKY: Ein Beitrag zur Kenntnis der Diatomeenflora der venezianischen Lagunen XVII, 287-325
 B. J. CHOLNOKY: Beiträge zur Kenntnis der Ökologie der Diatomeen in Ost-Transvaal XIX, 57-119
 B. J. CHOLNOKY: Ein Beitrag zu der Ökologie der Diatomeen in dem englischen Protektorat Swaziland XX, 309-355
 H. P. GANDHI: Freshwater Diatomflora of the Panhalgarh Hillfort in the Kolhapur District XIV, 93-129
 H. P. GANDHI: Notes on the Diatomaceae from Ahmedabad and its environs, II. On the Diatomflora of fountain-reservoirs of the Victoria Garden. XIV, 130-146
 H. P. GANDHI: Notes on the Diatomaceae of Ahmedabad and its environs, III. Diatoms from the Gujarat College compound XVII, 218-236
 H. P. GANDHI: Some fresh-water Diatoms from Lonavla Hill-Station in the Bombay-State (Maharashtra) XX, 128-154
 M. H. GIFFEN: Contributions to the Diatom flora of South Africa, I. Diatoms of the estuaries of the eastern Cape Province XXI, 201-265
 A. D. HARRISON, P. KELLER & D. DIMOVIC, with notes on the diatoms by B. J. CHOLNOKY: Ecological studies on Olifantsvlei, near Johannesburg XV, 89-134
 F. HUSTEDT: Diatomeen von der Sinai-Halbinsel und aus dem Libanon-Gebiet II, 24-55
 A. JURILJ: La Phylogénèse spécifique d'un groupe de diatomées-Cam-pylodiscoïdeae et sa cause VIII, 1-15
 F. E. ROUND: Observations on the Diatom flora of Braunton Burrows, N. Devon XI, 119-127

M. M. SALAH: Some new diatoms from Blakeney Point (Norfolk) VII, 88-102
 A. v. d. WERFF: Diatoms in plankton samples of the Willem Barendsz-
 Expedition 1947 VI, 331-332

DIPTERA (EXCL. CHIRONOMIDAE)

R. E. HALL & J. J. HARROD: A method of rearing *Simulium ornatum* var.
nitidifrons (Diptera, Simuliidae) in the laboratory XXII, 197-201
 W. KNOTT: Niederrheinische Stechmücken. Ein Beitrag zur Ökologie der
 Culiciden XIII, 1-127
 F. VAILLANT: *Hemerodromia seguyi*, nouvel empidide d'Algérie destructeur
 de simulies V, 180-188

ECOLOGY

A. A. ALEEM: Succession of marine fouling organisms on test panels
 immersed in deep-water at La Jolla, California XI, 40- 58
 B. R. ALLANSON & J. M. T. M. GIESKES: Investigations into the ecology of
 polluted inland waters in the Transvaal XVIII, 1- 94
 K. B. ARMITAGE: Distribution of riffle insects of the Firehole River, Wyoming XVII, 152-174
 H. BECKER & J. HILD: Hydrobotanische Untersuchungen an einigen
 Pyrenäenseen XIX, 146-160
 L. BOTOSANEANU & ST. NEGREA: Une oasis aquatique à faune relique dans
 la Plaine du Danube inférieur XVIII, 199-218
 M. BOURNAUD: Le courant, facteur écologique et éthologique de la vie aqua-
 tique XXI, 125-165
 B. J. CHOLNOKY: Hydrobiologische Untersuchungen in Transvaal II.
 Selbstreinigung im Jukse-Crocodile Fluss-system XI, 205-266
 F. M. CHUTTER: Hydrobiological studies on the Vaal River in the Vereenig-
 ing area. Part I: Introduction, water chemistry and biological studies on
 the fauna of habitats other than muddy bottom sediments XXI, 1- 65
 F. DE GRAAF: The microflora and -fauna of a quaking bog in the nature
 reserve „Het Hol“ near Kortenhoef in The Netherlands IX, 210-317
 A. D. HARRISON, P. KELLER & D. DIMOVIĆ, with notes on the diatoms by
 B. J. CHOLNOKY: Ecological studies on Olifantsvlei, near Johannesburg
..... XV, 89-134
 A. D. HARRISON, P. KELLER & W. A. LOMBARD: Hydrobiological studies on
 the Vaal River in the Vereeniging area. Part II: The chemistry, bacteriolo-
 gy and invertebrates of the bottom muds XXI, 66- 89
 J. HILD & K. REHNELT: Hydrobiologische Untersuchungen an niederrheinischen Gewässern XXV, 442-465
 I. JAYANGOUDAR: A bio-ecological study of Nuggikari Lake in Dharwar,
 Mysore State, South India XXIII, 515-532
 V. H. JOLLY: Diurnal surface concentrations of zooplankton in Lake Taupo,
 New Zealand XXV, 466-472
 M. LEFÈVRE & G. FARRUGIA: De l'influence, sur les algues d'eau douce, des
 produits de la décomposition spontanée des substances organiques
 d'origine animale et végétale X, 49- 65
 H. LÖFFLER: Ergebnisse der Österreichischen Iranexpedition 1949/1950
..... VIII, 201-278
 G. MARLIER: Recherches hydrobiologiques au lac Tumba (Congo Belge,
 province de l'Equateur) X, 352-385
 I. MATONIČKIN & Z. PAVLETIĆ: Epibiontische Verhältnisse auf den Kalk-
 tuffwasserfällen des Flusses Krka in Dalmatien XVIII, 219-224
 I. MATONIČKIN & Z. PAVLETIĆ: Contributo alla conoscenza dell'ecologia
 delle biocenosi sulle cascate travertinose nella regione Carstica Jugoslava
..... XVIII, 225-244

N. C. MORGAN & H. J. EGGLISHAW: A survey of the bottom fauna of streams in the Scottish highlands XXV, 181-211
 W. D. OLIFF: Hydrobiological studies on the Tugela River system. Part I. The Main Tugela River XIV, 281-385
 W. D. OLIFF: Hydrobiological studies on the Tugela River system. Part II. Organic pollution in the Bushmans River XVI, 137-196
 W. D. OLIFF: Hydrobiological studies on the Tugela River system. Part III. The Buffalo River XXI, 355-379
 W. D. OLIFF & J. L. KING: Hydrobiological studies on the Tugela River system. Part IV, The Mooi River XXIV, 567-583
 H. PITSCHEMANN: Zur Kenntnis der Biologie Alpiner Kleingewässer VI, 265-308
 H. REMMERT: Beobachtungen über die Tierwelt an einer künstlichen heissen Quelle VII, 256-260
 J. RZÓSKA: Observations on tropical rainpools and general remarks on temporary waters XVII, 265-286
 N. N. SMIRNOV: Food cycles in sphagnum bogs XVII, 175-182
 J. THORUP: Growth and life-cycle of invertebrates from Danish springs XXII, 55- 84
 K. F. VAAS & M. SACHLAN: On the ecology of some small lakes near Buitenzorg, Java I, 238-250
 V. VOUK: Thermal-vegetation and ecological-valences theory I, 90- 95
 L. G. WILLOUGHBY: Some observations on the location of sites of fungal activity at Blelham Tarn XXV, 352-356

ENTEROPNEUSTA

K. P. RAO: *Tornaria* from Madras (Enteropneusta) VII, 269-278

EPHEMEROPTERA

J. D. AGNEW: The distribution of *Centroptiloides bifasciata* (E.-P.) (Baetidae: Ephem.) in southern Africa, with ecological observations on the nymphs XX, 367-372
 J. D. AGNEW: New South African records of imperfectly known Baetidae (Ephem.) XXII, 41- 46
 T. GLEDHILL: The life-history of *Ameletus inopinatus* (Siphlonuridae, Ephemeroptera) XIV, 85- 90
 T. GLEDHILL: The Ephemeroptera, Plecoptera and Trichoptera caught by emergency traps in two streams during 1958 XV, 179-189
 T. T. MACAN: The taxonomy of the British species of Siphlonuridae (Ephem.) III, 84- 92
 T. T. MACAN: Taxonomy of the nymphs of the British species of Leptophlebiidae (Ephem.) IV, 363-376
 D. SEYMORE BROWN: The ingestion and digestion of Algae by *Chloeoen dipterum* L. (Ephemeroptera) XVI, 81- 96
 G. E. VENTER: A new ephemeropteran record in South Africa XVIII, 327-331

EUROPE

E. P. SLASTENENKO: Zoogeographical review of the Black Sea fish fauna XIV, 177-188

FINLAND

H. JÄRNEFELT: Der Vihtajärvi. Ein durch die Abwässer einer Pulverfabrik azidotrophierter See IV, 268-280
 H. JÄRNEFELT: Kurze Mitteilungen über die Folgen einer Sprengung, zugleich ein kleiner Beitrag zur Kenntnis des winterlichen Planktons .. VII, 381-386

H. JÄRNEFELT: Über die vertikale Tag- und Nachtverteilung des Planktons im Lohjanjärvi X, 175-197
 T. B. REYNOLDSON: Observations on the comparative ecology of lake-dwelling Triclads in southern Sweden, Finland and Northern Britain XII, 129-141

FLAGELLATA
 (SEE ALSO CHLOROPHYCEAE)

B. ASMUND: Occurrence of *Dinobryon crenulatum* Wm. et G. S. West in some Danish ponds and remarks on its morphology, cyst formation and ecology VII, 75- 87
 E. BALECH: Etude de quelques espèces de *Peridinium*, souvent confondues I, 390-409
 E. BALECH: Deuxième contribution à la connaissance des *Peridinium* .. III, 305-330
 P. BOURRELLY: Volvocales rares ou nouvelles III, 251-281
 P. BOURRELLY: Une nouvelle espèce d'Euglène, *Euglena Penardii* X, 241-244
 R. W. BUTCHER: An undescribed species of *Dunalieilla* from the Cambridge collection of Algae XII, 249-250
 H. R. CHRISTEN: Neue und wenig bekannte Flagellaten aus dem Hausersee (Schweiz) X, 66- 84
 E. FAURÉ-FREMIET & H. MUGARD: Le dimorphisme de *Espejoia mucicola* I, 379-389
 E. FJERDINGSTAD: *Bodo minus* Klein. Notes on its ecology and significance for estimation of sewage VI, 328-330
 A. K. MÍTRA: A peculiar method of sexual reproduction in certain members of Chlamydomonadaceae II, 209-216
 A. MIDDELHOEK: A propos de quelques espèces du genre *Trachelomonas* Ehrbg. et du genre *Strombomonas* Defl. trouvées aux Pays-Bas I, 78- 89
 A. MIDDELHOEK: A propos de quelques espèces du genre *Trachelomonas* Ehrbg. et du genre *Strombomonas* Defl. trouvées aux Pays-Bas II, 241-251
 A. MIDDELHOEK: New observations on a species of the genus *Bicosoeca* .. II, 356-359
 A. MIDDELHOEK: A propos de quelques espèces du genre *Trachelomonas* Ehrbg. et du genre *Strombomonas* Defl. trouvées aux Pays Bas (III) . III, 228-243
 M. ŠTÉPÁNEK, H. ETTL & M. VOTAVOVÁ: A note to explanation of reservoir water taste and odour XIII, 186-200
 F. J. TAYLOR: A new chrysophycean Flagellate: *Sphaerobryon fimbriata* gen. et spec. nov..... VI, 369-371

FRANCE

J. BATUT: Etude de la faune submicroscopique de quelques tourbières à *Sphagnum* XXV, 239-276
 H. BECKER & J. HILD: Hydrobotanische Untersuchungen an einigen Pyrenäenseen XIX, 146-160
 M. BLANC: Etudes consacrées aux animaux dulcicoles et recherches d'hydrobiologie animale en France de 1945 à 1950 IV, 341-362
 P. BOURRELLY: Activités algologiques et limnologiques en France pendant les années 1947-1948..... II, 72- 83
 P. BOURRELLY: Activités algologiques et limnologiques en France pendant l'année 1949 III, 101-109
 P. BOURRELLY: Activités algologiques et limnologiques en France pendant l'année 1950 III, 379-389
 P. BOURRELLY: Volvocales rares ou nouvelles III, 251-281
 P. BOURRELLY: Activités algologiques et limnologiques en France pendant l'année 1951 V, 314-322
 P. BOURRELLY: Une nouvelle espèce d'Euglène, *Euglena Penardii* X, 241-244
 J. P. HENRY & G. MAGNIEZ: Présence d'*Asellus meridianus* Racovitza en Bourgogne XIX, 334-338
 H. B. N. HYNES: On the occurrence of *Gammarus duebeni* Lilljeborg in fresh water and of *Asellus meridianus* Racovitza in western France. XIII, 152-155

M. LEFÈVRE: Contribution à la connaissance des bactéries des collections d'eau stagnantes et de leur rôle en hydrobiologie XII, 55- 72
 L. DE LÉPINEY: Contribution à la connaissance des Copépodes de la région parisienne XXI, 213-216
 P. MAILLET et N. CARASSO: Catalogue systématique des larves de Trichoptères recolées dans la région des Eyzies (Dordogne, France). Espèces à fourreau VII, 387-393
 R. POURRIOT: Contribution à la connaissance des Rotifères et des Cladocères de la région parisienne IX, 38- 49
 R. POURRIOT: Recherches sur la biologie du Rotifère *Eosphora najas* Ehrenberg XVI, 309-322
 M. DE RIDDER: Recherches sur les Rotifères des eaux saumâtres III. Quelques Rotifères de la Camargue XI, 99-118

GASTROPODA

C. C. DAVIS: A study of the hatching process in aquatic invertebrates. VII. Observations on hatching in *Notonecta melaena* Kirkaldy (Hemiptera, Notonectidae) and *Ranatra absona* D. & DeC (Hemiptera, Nepidae). VIII. The hatching process of *Amnicola* (?) *hydrobioides* (Ancey) (Pro-sobranchia, Hydrobiidae) XXIII, 253-266
 K. BERG: On the oxygen consumption of Aculyidae (Gastropoda) from an ecological point of view IV, 225-267
 J. LUMBYE: The oxygen consumption of *Theodoxus fluviatilis* (L.) and *Potamopyrgus jenkinsi* (Smith) in brackish and fresh water X, 245-262
 J. LUMBYE & L. E. LUMBYE: The oxygen consumption of *Potamopyrgus jenkinsi* (Smith) XXV, 489-500
 D. NEUMANN: Ernährungsbiologie einer rhipidoglossen Kiemenschnecke XVII, 133-151
 R. S. SCHELTEMA & A. H. SCHELTEMA: Pelagic larvae of New England intertidal Gastropods. II. *Anachis avara* XXII, 85- 91
 R. S. SCHELTEMA & A. H. SCHELTEMA: Pelagic larvae of New England intertidal Gastropods. III. *Nassarius trivittatus* XXV, 321-329
 O. SYLVEST: Copulation observed in *Viviparus fasciatus* (O. F. Müller) ... I, 309-311

GERMANY

A. BELING & H. W. JANNASCH: Hydrobakteriologische Untersuchungen der Fulda unter Anwendung der Membranfiltermethode VII, 36- 51
 TH. GROSPIETSCH: Beitrag zur Rhizopodenfauna Deutschlands I. Die Thekämöben der Rhön X, 305-322
 J. HILD: Hydrobiologische Untersuchungen in einigen abwasserbelasteten niederrheinischen Gewässern XVI, 203-214
 J. HILD: Die mikroklimatischen Verhältnisse in der wassernahen Luftschicht (Ein Beitrag zur Ökologie der niederrheinischen Wasserpflanzengesellschaften) XXI, 342-354
 J. HILD & K. REHNELT: Hydrobiologische Untersuchungen an niederrheinischen Gewässern XXV, 442-465
 W. KNOTT: Niederrheinische Stechmücken. Ein Beitrag zur Ökologie der Culiciden XIII, 1-127
 K. MÜLLER: Qualitative und quantitative Untersuchungen der Fische der Fulda VII, 230-244
 F. PAX: Das Institut für Meeresforschung in Bremerhaven II, 94- 96
 H. W. SCHÄFER: Ueber Meeres- und Brackwasser-Ostracoden aus dem deutschen Küstengebiet V, 351-389
 S. SCHWARZ: Zur Crustaceenfauna der Brackwassergebiete Rügens und des Darss. (*Acartia tonsa*, *Caligus lacustris*, *Microdeutopus gryllotalpa*) XVI, 293-300

GREAT BRITAIN

A. P. AUSTIN: Observations on the growth, fruiting and longevity of *Furcellaria fastigiata* (L.) Lam XV, 193-207

J. H. BELCHER: On the occurrence of *Bangia atropurpurea* (Roth.) Ag. in a freshwater site in Britain VIII, 298-299

S. BISWAS: A new variety of *Nitzschia sinuata* (W. Sm.) Grun. from North Wales, Great Britain XXIII, 511-514

R. O. BRINKHURST: Observations on the recovery of a British river from gross organic pollution XXV, 9- 51

A. J. BROOK: The attached algal flora of slow sand filter beds of waterworks VII, 103-117

L. A. CAINES: The phosphorus content of some macrophytes with special reference to seasonal fluctuations and applications of phosphate fertilizers XXV, 289-301

B. DOUGLAS, T. T. MACAN & J. C. MACKERETH: Abstracts of papers in the field of freshwater biology published in British journals in 1954. VIII, 300-322

I. E. EFFORD: The taxonomy, distribution and habitat of the watermite, *Feltria romijni* Besseling, 1930 XIX, 161-178

E. A. FLINT: An investigation of the distribution in time and space of the algae of a British water reservoir II, 217-240

J. B. FORD: The vertical distribution of larval Chironomidae (Dipt.) in the mud of a stream XIX, 262-272

F. E. FRITSCH: Contribution to our knowledge of British Algae I, 115-125

F. E. FRITSCH: The Windermere laboratory of the Freshwater Biological Association III, 293-304

T. GLEDHILL: The life-history of *Ameletus inopinatus* (Siphlonuridae, Ephemeroptera) XIV, 85- 90

T. GLEDHILL: The Ephemeroptera, Plecoptera and Trichoptera caught by emergency traps in two streams during 1958 XV, 179-189

R. E. HALL: On some aspects of the natural occurrence of *Chirocephalus diaphanus* Prévost XVII, 205-217

R. E. HALL & J. J. HARROD: A method of rearing *Simulium ornatum* var. *nitidifrons* (Diptera, Simuliidae) in the laboratory XXII, 197-201

W. G. INGLIS: Two new species of freelifing marine Nematodes from the West coast of Scotland XVIII, 284-292

D. J. JEFFERIES: The moulting behaviour of *Palaemonetes varians* (Leach) (Decapoda/ Palaemonidae) XXIV, 457-488

A. S. KHAN: On the occurrence of *Physolinum monile* (De Wildeman) Printz in England III, 79- 83

K. LINDBERG: Liste des Cyclopoides gnathostomes (Crustacés copépodes) des Iles britanniques et de l' Irlande II, 301-312

J. W. G. LUND: Contributions to our knowledge of British Algae, XI. II, 281-284

J. W. G. LUND: Contributions to our knowledge of British Algae, XII. III, 93-100

J. W. G. LUND: Contributions to our knowledge of British Algae, XIII. VI, 136-143

J. W. G. LUND: Contribution to our knowledge of British Algae, XIV. VII, 219-229

J. W. G. LUND: Some new or rare Chrysophyceae from the English Lake District XVI, 97-108

T. T. MACAN: Corixidae (Hemiptera) of an evolved lake in the English Lake District II, 1- 23

T. T. MACAN: Taxonomy of the British species of Siphlonuridae (Ephem.) III, 84- 92

T. T. MACAN: Taxonomy of the nymphs of the British species of Leptophlebiidae (Ephem.) IV, 363-376

T. T. MACAN: The temperature of a small stony stream XII, 89-106

T. T. MACAN and J. C. MACKERETH: Notes on *Gammarus pulex* in the English Lake District IX, 1- 12

N. C. MORGAN & H. J. EGGLISHAW: A survey of the bottom fauna of streams in the Scottish highlands XXV, 181-211

M. OWENS & J. MARIS: Some factors affecting the respiration of some aquatic plants XXIII, 533-543
 W. PENNINGTON (Mrs. T. G. TUTIN) & W. E. FROST: Fish vertebræ and scales in a sediment core from Esthwaite Water (English Lake District) XVII, 183-190
 G. N. PHILIPSON: The fifth instar larva of *Potamophylax stellatus* (Curtis) (Limnephilidae: Trichoptera) XVIII, 321-326
 T. B. REYNOLDSON: Observations on the comparative ecology of Lake-dwelling Tricladids in southern Sweden, Finland and northern Britain XII, 129-141
 M. DE RIDDER: Studies on brackish-water Rotifers. V. Some Rotifers from Weymouth Harbour (British Channel) XIII, 128-143
 F. E. ROUND: Observations on the diatom flora of Braunton Burrows, N. Devon XI, 119-127
 M. M. SALAH: Some new diatoms from Blakeney Point (Norfolk) ... VII, 88-102
 W. J. P. SMYLY: Distribution and seasonal abundance of Entomostraca in moorland ponds near Windermere XI, 59- 72
 F. J. TAYLOR: A new chrysophycean Flagellate: *Sphaerobryon fimbriata* gen. et spec. nov. VI, 369-371
 W. WIESER: Untersuchungen über die algenbewohnende Mikrofauna mariner Hartböden VI, 144-217
 W. D. WILLIAMS: Notes on the ecological similarities of *Asellus aquaticus* (L.) and *A. meridianus* Rac. (Crust., Isopoda) XX, 1- 30
 L. G. WILLOUGHBY: Some observations on the location of sites of fungal activity at Blelham Tarn XXV, 352-356

HEMIPTERA

R. H. COBBEN & H. MOLLER PILLOT: The larvae of Corixidae and an attempt to key the last larval instar of the Dutch species (Hem., Heteroptera) XVI, 323-356
 C. C. DAVIS: A study of the hatching process in aquatic invertebrates. VII. Observations on hatching in *Notonecta melaena* Kirdaldy (Hemiptera, Notonectidae) and on *Ranatra absona* D. & DeC. (Hemiptera, Nepidae). VIII. The hatching process of *Amnicola* (?) *hydrobioides* (Ancey) (Prosobranchia, Hydrobiidae) XXIII, 253-266
 T. T. MACAN: Corixidae (Hemiptera) of an evolved lake in the English Lake District II, 1- 23
 T. T. MACAN: The Corixidae (Hemipt.) of some Danish lakes VI, 44- 69
 T. T. MACAN: *Corixa lacustris* Macan a synonym of *C. dorsalis* Leach . VII, 124

HIRUDINEA

M. KUNST: Faunistische Notizen über Oligochäten und Hirudineen aus Island und Faröer VIII, 323-327

HUNGARY

G. CLAUS: Beiträge zur Kenntnis der Algenflora der Abaligeter Höhle. XIX, 192-222
 S. T. DVIGHALY: Seasonal changes in the optical characteristics of a Hungarian sodic lake XVII, 193-204
 T. NÓGRÁDI: Beiträge zur Limnologie und Räderterfauna Ungarischer Natrongewässer IX, 348-360
 J. STILLER: Epizoische Peritrichen aus dem Balaton III V, 189-221
 G. UHERKOVICH: Beiträge zur Kenntnis der Süßwasserrotalge *Thorea ramosissima* Bory XIX, 243-251

ICELAND

E. BARTOŠ: Rotatoria of the Czechoslovakian Iceland-expedition III, 244-250

INDIA

A. L. BASU: Observations on the probable effects of pollution on the primary productivity of the Hooghly and Mutlah estuaries XXV, 302-316

R. DAYAL & R. N. TANDON: Ecological studies of some aquatic Phycomyces XX, 121-127

R. DAYAL & R. N. TANDON: Ecological studies of some aquatic Phycomyces II. Fungi in relation to chemical factors of the water XXII, 324-330

J. DONNER: *Horaëlla brehmi* nov. gen. spec. ein neues Rädertier aus Indien. II, 134-140

S. V. GANAPATI: The limnology of two minor irrigation reservoirs near Madras. I. The Errakuppam reservoir VIII, 365-380

H. P. GANDHI: Freshwater diatomflora of the Panhalgarh Hillfort in the Kolhapur District XIV, 93-129

H. P. GANDHI: Notes on the Diatomaceae from Ahmedabad and its environs- II. On the diatomflora of fountain-reservoirs of the Victoria Garden XIV, 130-146

H. P. GANDHI: Notes on the Diatomaceae of Ahmedabad and its environs. III. Diatoms from the Gujarat College compound XVII, 218-236

H. P. GANDHI: Some fresh-water Diatoms from Lonavla Hill-Station in the Bombay-State (Maharashtra) XX, 128-154

M. G. GEORGE: Diurnal variations in two shallow ponds in Delhi, India XVIII, 265-273

E. A. GONZALVES & N. D. KAMAT: Two new species of *Anabaena* from western India XIII, 236-238

E. A. GONZALVES & K. R. MEHRA: *Oocystaenium*, a new genus of the Chlorococcales XIII, 201-206

A. B. GUPTA & K. LATA: Effect of algal growth hormones on the germination of Paddy seeds XXIV, 430-434

I. JAYANGOUDAR: A bio-ecological study of Nuggikari Lake in Dharwar, Mysore State, South India XXIII, 515-532

N. D. KAMAT: Two new species of *Chroococcidiopsis* from India XX, 188-192

N. D. KAMAT: Chlorophyceae of Ahmedabad, India XX, 248-279

N. D. KAMAT: The Algae of Kolhapur, India XXII, 209-305

K. P. KRISHNAMOORTHI & G. VISWESWARA: Hydrobiological studies in Gandhisagar (Jumma Tank). Diurnal variation in plankton XXV, 99-118

H. D. KUMAR: Observations on the developmental variability of *Camptylomena lahorensis* Ghose XX, 356-366

S. S. LAKSHMINARAYANA: Studies on the phytoplankton of the River Ganges, Varanasi, India, Part I. The physico-chemical characteristics of River Ganges. Part II. The seasonal growth and succession of the plankton Algae in the River Ganges. Part III. Growth of certain phytoplankton in standard synthetic Media. Part IV. Phytoplankton in relation to fish population XXV, 119-175

A. K. MITRA: A peculiar method of sexual reproduction in certain members of Chlamydomonadaceae II, 209-216

C. K. G. NAYAR: Cyclomorphosis of *Brachionus calyciflorus* Pallas XXV, 538-544

K. P. RAO: *Tornaria* from Madras (Enteropneusta) VII, 269-278

R. N. SINGH: Seasonal variants of *Anabaenopsis Raciborskii* Wolosz XX, 87- 91

A. SREENIVASAN: A hydrological study of a tropical impoundment, Bhavani-sagar reservoir, Madras State, India, for the years 1956-1961 XXIV, 514-539

F. THIVY & V. D. CHAUHAN: *Sargassum johnstonii* Setchell & Gardner, a new record for the Indian Ocean region XXIII, 292-299

J. THOMAS & E. A. GONZALVES: Thermal Algae of western India. I. Algae of the hot springs at Akloli and Ganeshpuri XXV, 330-340

J. THOMAS & E. A. GONZALVES: Idem. II. Algae of the hot springs at Palli XXV, 340-351

K. VANAMALA NAIDU: Studies on freshwater Protozoa of South India II: Ciliophora XXV, 545-570
 A. R. ZAFAR: On the ecology of Algae in certain fish ponds of Hyderabad-India. I. Physico-chemical complexes XXIII, 179-195
 A. R. ZAFAR: On the ecology of Algae in certain fish ponds of Hyderabad, India. II. Distribution of unicellular and colonial forms XXIV, 556-566

INDONESIA

A. M. SCOTT & G. W. PRESCOTT: Indonesian Desmids XVII, 1-132
 K. F. VAAS & M. SACHLAN: On the ecology of some small lakes near Buitenzorg, Java I, 238-250
 K. F. VAAS & A. VAAS-VAN OVEN: Studies on the production and utilization of natural food in Indonesian carp ponds XII, 308-392

ISOPODA

J. P. HENRY & G. MAGNIEZ: Présence d'*Asellus meridianus* Racovitza en Bourgogne XIX, 334-338
 H. B. N. HYNES: On the occurrence of *Gammarus duebeni* Lilljeborg in fresh water and of *Asellus meridianus* Racovitza in western France XIII, 152-155
 R. MARGALEF: Une Jaëra dans les eaux douces des Baléares, *Jaëra balearica* n. sp. (Isopoda Asellota) IV, 209-213
 W. D. WILLIAMS: Notes on the ecological similarities of *Asellus aquaticus* (L.) and *A. meridianus* Rac. (Crust., Isopoda) XX, 1-30

ISRAEL

S. EHRLICH: Experiments in reversion of the filling up processes in fish ponds XVIII, 136-154
 Z. YARON: Notes on the ecology and entomosarcane fauna of temporary rainpools in Israel XXIV, 489-513

ITALY

B. BERZINŠ: Zur Rotatorienfauna Siziliens VI, 309-320
 B. J. CHOLNOKY: Ein Beitrag zur Kenntnis der Diatomeenflora der venezianischen Lagunen XVII, 287-325
 G. MARCUZZI: Contributions to the knowledge of Tendipedidae of Padova and Venice I, 183-209
 V. MARCHESONI: Un nuovo periodo di osservazioni sul fitoplancton del lago di Nemi (1939-1948) I, 333-345
 A. PARISE: Sur les genres *Keratella*, *Synchaeta*, *Polyarthra* et *Filinia* d'un lac italien XVIII, 121-135
 S. RUFFO: Sur *Monodella stygicola* Ruffo des eaux souterraines de l'Italie méridionale, deuxième espèce connue de l'ordre des Thermosbenacés (Malacostraca Peracarida) II, 56-63
 E. STELLA: Sur *Monodella argentaria* Stella, espèce de Crustacé Thermosbenacé des eaux d'une grotte de l'Italie centrale V, 226-234
 W. WIESER: Untersuchungen über die algenbewohnende Mikrofauna mariner Hartböden VI, 144-217

JAPAN

T. ITO: Groundwater Copepods from South-western Japan XI, 1-28
 M. SUDZUKI: New systematical approach to the Japanese planktonic Rotatoria XXIII, 1-124
 K. YAMAMOTO: Plankton Rotatoria in Japanese inland waters XVI, 364-411

LIMNOLOGY AND HYDROLOGY

J. E. BARDACH: Certain biological effects of thermocline shifts VII, 309-324
 K. BERG: Notes on some large Danish springs III, 72-78
 H. M. BISHAI: The water characteristics of the Nile in the Sudan with a note on the effect of *Eichhornia crassipes* on the hydrobiology of the Nile XIX, 357-382
 A. F. DE BONT & H. MAES: Conductivité électrique de quelques rivières Katangaises VIII, 279-287
 M. BOURNAUD: Le courant, facteur écologique et éthologique de la vie aquatique XXI, 125-165
 P. BOURRELLY: Activités algologiques et limnologiques en France pendant les années 1947-1948 II, 72-83
 P. BOURRELLY: Activités algologiques et limnologiques en France pendant l'année 1949 III, 101-109
 P. BOURRELLY: Activités algologiques et limnologiques en France pendant l'année 1950 III, 379-389
 P. BOURRELLY: Activités algologiques et limnologiques en France pendant l'année 1951 V, 314-322
 D. P. DROVER & H. M. BISHAI: A preliminary study of some chemical constituents of the bottom deposits of the White Nile XX, 179-184
 J. TH. DUBOIS: Evolution de la température de l'oxygène dissous et de la transparence dans la baie nord du Lac Tanganyika X, 215-240
 B. H. DUSSART: La productivité de l'eau III, 331-356
 S. T. DVIGHALLY: Seasonal changes in the optical characteristics of a Hungarian sodic lake XVII, 193-204
 S. EHRLICH: The production aspect of water body typology XVII, 326-332
 G. FARRUGIA-FOUGEROUSE: Contribution à la connaissance de l'origine, du métabolisme, et des propriétés biologiques, pour les Algues, des sels minéraux et composés organiques dissous dans les collections d'eau naturelles stagnantes XVI, 1-80, 412
 S. V. GANAPATI: Diurnal variations in dissolved gases, and some of the important dissolved substances of biological significance in three temporary Rock Pools in the stream bed at Mettur Dam VII, 285-303
 S. V. GANAPATI: The limnology of two minor irrigation reservoirs near Madras. I. The Errakuppam reservoir VIII, 365-380
 M. G. GEORGE: Diurnal variations in two shallow ponds in Delhi, India XVIII, 265-273
 K. HANSEN: The terms Gyttja and Dy XIII, 309-315
 K. HANSEN: The dystrophic lake type XIX, 183-191
 P. R. HESSE: The distribution of sulphur in the muds, water and vegetation of Lake Victoria XI, 29-39
 P. R. HESSE: Fixation of sulphur in the muds of Lake Victoria XI, 171-181
 J. HILD: Hydrobiologische Untersuchungen in einigen abwasserbelasteten niederrheinischen Gewässern XVI, 203-214
 H. JÄRNEFELT: Der Vihtajarvi. Ein durch die Abwässer einer Pulverfabrik azidotrophierter See IV, 268-280
 S. S. LAKSHMINARAYANA: Studies on the phytoplankton of the River Ganges, Varanasi, India, Part I. The physico-chemical characteristics of River Ganges. Part II. The seasonal growth and succession of the plankton Algae in the River Ganges. Part III. Growth of certain phytoplankton in standard synthetic media. Part IV. Phytoplankton in relation to fish population XXV, 119-175
 G. LENHARD, W. R. ROSS & A. DU PLOOY: A study of methods for the classification of bottom deposits of natural waters XX, 223-240
 T. T. MACAN: The temperature of a small stony stream XII, 89-106
 D. D. MCGREGOR: Physical ecology of some New Zealand supralitoral pools XXV, 277-284

R. MARGALEF: A new limnological method for the investigation of thin-layered epilithic communities I, 215-216

G. MARLIER: Recherches hydrobiologiques dans les rivières du Congo Oriental I III, 217-227

G. MARLIER: Recherches hydrobiologiques dans les rivières du Congo Oriental II VI, 225-264

M. S. NOEL: Animal ecology of a New Mexico springbrook VI, 120-135

R. MAUCHA: Die Photosynthese des Phytoplanktons vom Gesichtspunkte der Quantenlehre I, 45-62

R. MAUCHA: Einige Gedanken zur Frage des Nährstoffhaushalts der Gewässer I, 225-237

C. L. NEWCOMB & J. V. SLATER: Temperature characteristics of Sodan Lake. A dicothoermic lake in Southeastern Michigan I, 346-378

B. S. NEWELL: The hydrology of Lake Victoria XV, 363-383

S. PRÁT: Zur Physiologie der Mineral- und Thermalwasservegetation. VIII, 328-364

G. W. PRESCOTT & T. F. ANDREWS: A new species of *Anabaenopsis* in a Kansas Lake with notes on limnology VII, 60-63

V. SLÁDEČEK: The courses of technical hydrobiology at the University of Leipzig XXIII, 300-301

V. SLÁDEČEK: The future of the saprobity system XXV, 518-537

V. SLÁDEČEK & A. SLÁDECKOVÁ: Determination of the periphyton production by means of the glass slide method XXIII, 125-158

A. SLÁDECKOVÁ & V. SLÁDEČEK: Der Aufwuchs auf den Kühltürmen der Dampfkraftwerke und einige einfache Abhilfemaßnahmen XII, 43-54

A. SREENIVASAN: A hydrological study of a tropical impoundment, Bhavani-sagar reservoir, Madras State, India, for the years 1956-1961. XXIV, 514-539

M. ŠTĚPÁNEK, H. ETTL & M. VOTAVOVÁ: A note to explanation of reservoir water taste and odour XIII, 186-200

K. STRÖM: Change in a glacier-fed lake VIII, 293-297

J. F. TALLING: The longitudinal succession of water characteristics in the White Nile XI, 73-89

E. A. THOMAS: Thermisch bedingte Horizontalzirkulationen, Wasserchemismus und Algenwucherungen an Zürichseeufern XX, 40-58

A. R. ZAFAR: Taxonomy of lakes XIII, 287-299

A. R. ZAFAR: On the ecology of algae in certain fish ponds of Hyderabad-India. I. Physico-chemical complexes XXIII, 179-195

MADAGASCAR

K. LINDBERG: Un Cyclopide (Crustacé copépode) troglobie de Madagascar VI, 97-119

MALACOSTRACA

D. BARKER: The distribution and systematic position of the Thermosbaenacea XIII, 209-235

H. B. N. HYNES: On the occurrence of *Gammarus duebeni* Lilljeborg in fresh water and of *Asellus meridianus* Racovitza in western France. XIII, 152-155

T. T. MACAN & J. C. MACKERETH: Notes on *Gammarus pulex* in the English Lake District IX, 1-12

S. RUFFO: Sur *Monodella stygicola* Ruffo des eaux souterraines de l'Italie méridionale, deuxième espèce connue de l'ordre des Thermosbenacés (Malacostraca Peracarida). II, 56-63

E. STELLA: Sur *Monodella argentaria* Stella, espèce de Crustacé Thermosbenacé des eaux d'une grotte de l'Italie centrale V, 226-234

METHODS

A. BELING & H. W. JANNASCH: Hydrobakteriologische Untersuchungen der Fulda unter Anwendung der Membranfiltermethode VII, 36-51

TH. G. N. DRESSCHER: Description of a community of microorganisms in purified sewage mixed with rain water from storm-sewers. (A method for the determination of microbiocoenoses) XIV, 189-204

I. E. EFFORD: A method of studying the vertical distribution of the bottom fauna in shallow waters XVI, 288-292

K. ELGMORK: A bottom sampler for soft mud XX, 167-172

E. FAURÉ-FREMIET: Matériel pour la récolte du microplancton dans les mares et étangs XII, 142-148

J. B. FORD & R. E. HALL: A grab for quantitative sampling in stream muds XI, 198-204

R. E. HALL & J. J. HARROD: A method of rearing *Simulium ornatum* var. *nitidifrons* (Diptera, Simuliidae) in the laboratory XXII, 197-201

J. J. HARROD & R. E. HALL: A method for determining the surface areas of various aquatic plants XX, 173-178

G. LENHARD & A. DU PLOOY: Studies on the removal of synthetic detergents from the water phase of bottom deposits by physical adsorption and biochemical degradation XXII, 317-323

G. LENHARD, A. DU PLOOY & W. R. ROSS: A new method for the determination of the anionic adsorption capacity of bottom deposits with particular reference to the adsorption of anionic detergents XXI, 177-187

G. LENHARD, W. R. ROSS & A. DU PLOOY: A study of methods for the classification of bottom deposits of natural waters XX, 223-240

J. W. G. LUND: A sedimentation technique for counting algae and other organisms III, 390-394

J. W. G. LUND, C. KIPLING & E. D. LE CREN: The inverted microscope method of estimating algal numbers and the statistical basis of estimations by counting XI, 143-170

G. NYGAARD: How to make permanent fluid mounts of plankton organisms III, 282-289

E. PATTEE: Méthodes de mesure du métabolisme respiratoire chez les animaux aquatiques XIX, 40-56

S. PRÁT & V. SLÁDEČEK: An inexpensive bioassay aimed at the agricultural disposal of waste waters XXIII, 246-252

H. D. SLACK: A quantitative plankton net for horizontal sampling VII, 264-268

V. SLÁDEČEK & A. SLÁDEČKOVÁ: Determination of the periphyton production by means of the glass slide method XXIII, 125-158

M. TUFFRAU: Un dispositif simple pour l'observation durable in vivo des microorganismes XIII, 316-318

MOLLUSCA

B. R. ALLANSON: On the systematics and distribution of the molluscan genus *Siphonaria* in South Africa XII, 149-180

C. R. BOETTGER: Ein Beitrag zur Frage des Ertragens von Brackwasser durch Molluskenpopulationen II, 360-379

M. CAMPION: A survey of the green algae epiphytic on the shells of some freshwater mollusks VIII, 38-53

J. DAGET: Faune relicte sur le revers oriental du plateau de Bandiagara (Afrique occidentale) XVIII, 95-108

S. JAECKEL: Zur Kenntnis der Meeres- und Brackwasser-Mollusken von Varna (Bulgarien) VI, 70-82

MYXOPHYCEAE

G. CLAUS: Comments on the species of the genus *Tetrapedia* Reinsch (Chlorococcaceae, Cyanophyta) XXI, 266-274

S. GOBULIC: Die „Seebälle“ — Ein seltsamer Standort der Blaualgen. XVIII, 109-120

E. A. GONZALVES & N. D. KAMAT: Two new species of *Anabaena* from western India XIII, 236-238

A. B. GUPTA: On *Scytonematospsis* Kisslewea — a little known genus of Myxophyceae VII, 373-380
 N. D. KAMAT: Two new species of *Chroococcidiopsis* from India XX, 188-192
 H. D. KUMAR: Observations on the developmental variability of *Camptylomena lahorense* Ghose XX, 356-366
 C. S. NIELSEN: The non-sheathed Oscillatoriaceae of northern Florida VI, 352-368
 P. VAN OYE: Les Myxophyceae sont-elles des Algues? XVIII, 293-299
 G. W. PRESCOTT & T. F. ANDREWS: A new species of *Anabaenopsis* in a Kansas Lake with notes on limnology VII, 60-63
 R. N. SINGH: Seasonal variants of *Anabaenopsis Raciborskii* Wolosz XX, 87-91
 E. L. STEPHENS: *Microcystis toxica* sp. nov. a poisonous Alga from the Transvaal and Orange Free State I, 14

NEAR EAST

F. HUSTEDT: Diatomeen von der Sinai-Halbinsel und aus dem Libanon-Gebiet II, 24-55
 H. LÖFFLER: Ergebnisse der Österreichischen Iranexpedition 1949/1950 VIII, 201-278

NEMATODA

W. G. INGLIS: Two new species of freeliving marine nematodes from the west coast of Scotland XVIII, 284-292
 W. G. INGLIS: *Nudora omercooperi* sp. nov. (Nematoda: freeliving) from a unusual locality in South Africa XXV, 176-180
 W. WIESER: Untersuchungen über die algenbewohnende Mikrofauna mariner Hartböden VI, 144-217

THE NETHERLANDS

R. H. COBBEN & H. MOLLER PILLOT: The larvae of Corixidae and an attempt to key the last larval instar of the Dutch species (Hem., Heteroptera). XVI, 323-356
 C. L. DEELDER: A contribution of the knowledge of the stunted growth of perch (*Perca fluviatilis* L.) in Holland III, 357-378
 TH. G. N. DRESSCHER: Description of a community of microorganisms in purified sewage mixed with rain water from storm-sewers. (A method for the determination of microbiocoenoses) XIV, 189-204
 TH. G. N. DRESSCHER: The biological and chemical effect of a central discharge of sewage into the „Buiten IJ” near Amsterdam XXV, 389-403
 TH. G. N. DRESSCHER & A. J. J. GISPEN-VAN DER WEG: Quelques organismes sporadiques du plancton de la région d’Amsterdam XI, 93-98
 F. DE GRAAF: Commensal organisms in the colonies of *Conochilus unicornis* Rousselet. With a note on *Phormidium mucicola* Huber et Naumann V, 390-399
 F. DE GRAAF: The microflora and fauna of a quaking bog in the nature reserve „Het Hol” near Kortenhoef in The Netherlands IX, 210-317
 P. LEENTVAAR: Quelques rotateurs rares observés en Hollande XVIII, 245-251
 A. MIDDELHOEK: A propos de quelques espèces du genre *Trachelomonas* Ehrbg. et du genre *Strombomonas* Defl. trouvées aux Pays-Bas I, 78-89
 A. MIDDELHOEK: A propos de quelques espèces du genre *Trachelomonas* Ehrbg. et du genre *Strombomonas* Defl. trouvées aux Pays-Bas I II, 241-251
 A. MIDDELHOEK: A propos de quelques espèces du genre *Trachelomonas* Ehrbg. et du genre *Strombomonas* Defl. trouvées aux Pays-Bas II III, 228-243
 N. L. WIBAUT-ISEBREE MOENS: Untersuchungen über den Schlamm und die Gasbildung in den Amsterdamer Grachten in den Jahren 1929 bis 1931 IX, 13-24
 N. L. WIBAUT-ISEBREE MOENS: Plankton from the Noordzeekanaal XI, 275-298
 N. L. WIBAUT-ISEBREE MOENS & R. PEELEN: Biological purification in riverwater under the influence of light. First communication XIX, 339-350

N. L. WIBAUT-ISEBREE MOENS: The influence of light on destruction of fenol in water XXIV, 540-555

NEW ZEALAND

M. A. CHAPMAN: A review of the freshwater Ostracods of New Zealand XXII, 1- 40
H. R. HOOGENRAAD & A. A. DE GROOT: Thecamoebous Moss-rhizopods from New Zealand I, 28- 44
V. H. JOLLY: Observations on the genus *Bosmina* in New Zealand V, 309-313
V. H. JOLLY: Diurnal surface concentrations of zooplankton in lake Taupo, New Zealand XXV, 466-472
D. D. MCGREGOR: Physical ecology of some New Zealand supralittoral pools XXV, 277-284
P. VAN OYE: On the thecamoeban fauna of New Zealand with description of four new species and biogeographical discussion VIII, 16- 37

NORWAY

L. DECLOITRE: Sur quelques Thécamoebiens récoltés en Norvège XIX, 179-182
O. A. SÆTER: Larval overwintering cocoons in *Endochironomus tendens* Fabricius XX, 377-381
K. STRØM: Change in a glacier-fed lake VIII, 293-297

NUTRIA

S. EHRLICH: Experiments in reversion of the filling up processes in fish ponds XVIII, 136-154
S. EHRLICH: Two experiments in inducing nutria aggregation in unfenced artificial ponds XIX, 316-333
S. EHRLICH: Studies on the influence of nutria on carp growth XXIII, 196-210
S. EHRLICH & K. JEDYNAK: Nutria influence on a bog lake in Northern Pomorze, Poland XIX, 273-297

OCEANOGRAPHY

H. KÜHL & H. MANN: Unperiodische Änderungen im Stoffhaushalt von Seewasseraquarien VIII, 66- 78
F. PAX: Das Institut für Meeresforschung in Bremerhaven II, 94- 96
J. I. SOROKIN: Primary organic production in the Atlantic Ocean XXII, 306-316

OLIGOCHAETA

M. KUNST: Faunistische Notizen über Oligochäten und Hirudineen aus Island und Faröer VIII, 323-327

OSTRACODA

M. A. CHAPMAN: A review of the freshwater Ostracods of New Zealand XXII, 1- 40
H. W. SCHÄFER: Ueber Meeres- und Brackwasser-Ostracoden aus dem deutschen Küstengebiet V, 351-389
W. J. P. SMYLY: Distribution and seasonal abundance of Entomostraca in moorland ponds near Windermere XI, 59- 72

OXYGEN CONSUMPTION

K. BERG: On the oxygen consumption of Aculyidae (Gastropoda) from an ecological point of view IV, 225-267

K. BERG: The problem of respiratory acclimatization	V, 331-350
K. BERG, P. M. JÖNSSON & K. W. OCKELMANN: The respiration of some animals from the profundal zone of a lake	XIX, 1- 39
C. COLLARDEAU: Influence de la température sur la consommation d'oxygène de quelques larves de Trichoptères	XVIII, 252-264
J. DUSART: Contribution à l'étude de l'adaption des <i>Tilapia</i> (Pisces Cichlidae) à la vie en milieu mal oxygéné	XXI, 328-341
C. H. ERIKSEN: Evidence of a spring rise in metabolic rate in the burrowing mayfly <i>Ephemera simulans</i> Walker	XXIII, 506-510
F. GESSNER & F. PANNIER: Der Sauerstoffverbrauch der Wasserpflanzen bei verschiedenen Sauerstoffspannungen	X, 323-351
B. M. GILCHRIST: The oxygen consumption of <i>Artemia salina</i> (L.) in different salinities	VIII, 54- 65
B. M. GILCHRIST: The oxygen consumption of <i>Artemia salina</i> (L.)	XII, 27- 37
O. HARNISCH: Einrichtungen der Tiere zur Aufrechterhaltung des optimalen Sauerstoffverbrauchs bei erniedrigtem Partialdruck	VI, 372-386
J. LUMBYE: The oxygen consumption of <i>Theodoxus fluviatilis</i> (L.) and <i>Potamopyrgus jenkinsi</i> (Smith) in brackish and fresh water	X, 245-262
J. LUMBYE & L. E. LUMBYE: The oxygen consumption of <i>Potamopyrgus jenkinsi</i> (Smith)	XXV, 489-500
M. OWENS & J. MARIS: Some factors affecting the respiration of some aquatic plants	XXIII, 533-543
E. PATTEE: Méthodes de mesure du métabolisme respiratoire chez les animaux aquatiques	XIX, 40- 56
J. PEQUIGNOT & A. SERFATY: La respiration tissulaire des branchies des Téléostéens d'eau douce	XXII, 47- 54
C. PEYRAUD & A. SERFATY: Le rythme respiratoire de la carpe (<i>Cyprinus carpio</i> L.) et ses relations avec le taux de l'oxygène dissous dans le biotope	XXIII, 165-178
A. SERFATY, R. LABAT & R. QUILLIER: Les réactions cardiaques chez la carpe (<i>Cyprinus carpio</i>) au cours d'une anesthésie prolongée	XIII, 144-151
A. SERFATY & P. RAYNAUD: Le réflexe aéro-cardiaque chez la carpe commune (<i>Cyprinus carpio</i> L.) et le phénomène d'échappement	XII, 38- 42
N. N. SMIRNOV: Nutrition of <i>Galerucella nymphaea</i> L. (Chrysomelidae), mass consumer of water-lily	XV, 208-224
J. T. SPAAS: Contributions to the comparative physiology and genetics of the European Salmonidae, I. Method for the determination of the oxygen consumption in Ova, Alevins and fishes of different sizes	XI, 267-274
J. T. SPAAS: Contribution à la biologie de quelques Cichlides, III. Phénomènes énergétiques en fonction de la température	XIV, 155-176

PERCIDAE

B. BERZINŠ: On the biology of the Latvian perch (<i>Perca fluviatilis</i> L.)	II, 64- 71
C. L. DEELDER: A contribution to the knowledge of the stunted growth of perch (<i>Perca fluviatilis</i> L.) in Holland	III, 357-378
G. R. FISH: The comparative activity of some digestive enzymes in the alimentary canal of <i>Tilapia</i> and perch	XV, 161-178

PERSONALIA

Professor Dr. GUNNAR ALM in memoriam (S. Runnström)	XX, 202-212
W. ARNDT (F. Pax)	IV, 302-331
EDGARDO BALDI (U. d'Ancona)	IV, 294-301
In memoriam Dr. BOHUMIL CYRUS (Vl. Sládeček)	XXV, 585-586
P. D. DAMAS (P. van Oye)	XIV, 387
C. C. DOBELL (P. van Oye)	III, 201
SVEN EKMAN 75 years old (G. Alm)	III, 290-291

FELIX EUGEN FRITSCH (T. T. Macan)	VII, 1- 7
In memoriam Dr. ROLF GRÖNBLAD 1895—1962 (Paavo Kallio)	XXV, 579-584
Prof. O. HAEMPEL zum Gedächtnis (K. Stundl)	VII, 125
JOHAN HJORT 1869—1948 (K. A. Andersson)	II, 97- 99
In memoriam Dr. H. R. HOOGENRAAD (P. van Oye)	IX, 318-319
E. HUBAULT 1886—1961 (P. Vivier)	II, 114-119
Dr. G. E. HUBER-PESTALOZZI 80 years (P. van Oye)	X, 386-391
HEIKKI JÄRNEFELT in memoriam (K. J. Purasjoki)	XXV, 571-578
CHARLES ATWOOD KOFOID (H. Kirby)	II, 383-385
Dr. WILLY KRIEGER (P. van Oye)	IX, 89- 91
A. KROGH in memoriam (K. Berg)	II, 380-382
HUBERT KUFFERATH (P. van Oye)	XII, 237-241
Professor Dr. R. MAUCHA 75 Jahr (E. Woynarovich)	XV, 287-291
LEO MINDER 1887—1961 (K. Wuhrmann)	XXIII, 574-576
In memoriam Dr. M. F. E. NICOLAI (K. F. Vaas)	XVIII, 332-334
GUNNAR NYGAARD 60 years old (K. Berg)	XXIV, 452-453
EUGÈNE PENARD (1855—1954). Correspondence et souvenirs. Bibliographie et bilan systématique de son oeuvre (G. Deflandre)	X, 2- 37
Dr. H. C. REDEKE (A. P. C. Vos)	I, 217-219
FRANZ RUTTNER zum Gedächtnis (V. Brehm)	XX, 193-201
KAREL SCHÄFERNA (S. Prát)	V, 323-326
DAVID JOSEPH SCOURFIELD I. S. O., 1866—1949 (J. P. Harding)	III, 199-200
The life and hydrobiological work of R. SRAMEK-HUSEK (V. Sladeczek)	XXI, 384-389
Prof. Dr. AUGUST THIENEMANN 75 years (P. van Oye)	XI, 182-183
MASUZO UÉNO sixty years (J. E.)	XVI, 126-134
Dr. h.c. GEORG ULMER Nachruf (F. Lenz)	XXIII, 561-573
Professor Dr. ILMARI VÄLINKANGAS in memoriam (Erkki Halme)	XVI, 301-308
KAARLO JOHANNES VALLE in memoriam (U. Saalas)	XII, 79- 82
In memoriam Dr. h.c. KARL HEINRICH VIETS (H. Knipper)	XIX, 120-124
In memoriam Dr. A. G. VORSTMAN (W. S. S. van Benthem Jutting)	XXIII, 577-581
Obituary ANNA PETRONELLA CORNELIA DE VOS (H. Engel & J. H. Stock)	XII, 393-395
In memoriam W. W. WEISBACH (P. van Oye)	XXI, V-VII
In memoriam PAUL SMITH WELCH (F. E. Eccleton)	XVII, 259-261
C. WESENBERG-LUND (K. Berg)	I, 322-324
(In memoriam) C. WESENBERG-LUND (K. Berg)	VIII, 191-192
NEELE LOUWRINA WIBAUT-ISEBREE MOENS, eighty years (P. van Oye)	XXV, 317-320
EMILE DE WILDEMAN (P. van Oye)	I, 220-221
The World Academy of Art and Science (P. van Oye)	XVIII, 335-338
H. H. WUNDSCHE (W. Schäperclaus)	XIII, 300-304

PHAEOPHYCEAE

F. THIVY & V. D. CHAUHAN: <i>Sargassum johnstonii</i> Setchell & Gardner, a new record for the Indian Ocean region	XXIII, 292-299
---	----------------

PHYLLOPODA

J. L. CLOUDSLEY-THOMPSON: The lethal temperature of <i>Triops granarius</i> (Lucas) (Branchiopoda: Notostraca)	XXV, 424-425
B. M. GILCHRIST: The oxygen consumption of <i>Artemia salina</i> (L.) in different salinities	VIII, 54- 65
B. M. GILCHRIST: The oxygen consumption of <i>Artemia salina</i> (L.)	XII, 27- 37
R. E. HALL: The development of eggs of <i>Chirocephalus diaphanus</i> Prévost at a low temperature	XIII, 156-159
R. E. HALL: Delayed development of eggs of <i>Chirocephalus diaphanus</i> Prévost	XIII, 160-169
R. E. HALL: The development of eggs of <i>Chirocephalus diaphanus</i> Prévost in relation to depth of water	XIV, 79- 84

R. E. HALL: On some aspects of the natural occurrence of *Chirocephalus diaphanus* Prévost XVII, 205-217

PHYCOMYCETES

R. DAYAL & R. N. TANDON: Ecological studies of some aquatic Phycomyces XX, 121-127
 R. DAYAL & R. N. TANDON: Ecological studies of some aquatic Phycomyces, II. Fungi in relation to chemical factors of the water XXII, 324-330

PHYSIOLOGY

R. LABAT & A. SERFATY: Modifications électrocardiographiques chez la carpe (*Cyprinus carpio* L.) au cours des changements de salinité. XVIII, 185-191
 C. PEYRAUD & R. LABAT: Réactions cardio-respiratoires observées chez la sole au cours de l'ensablement XIX, 351-356
 A. SERFATY & R. LABAT: Accidents cardiaques et variations brusques de salinité chez les poissons téléostéens marins XV, 293-308
 A. SERFATY & R. LABAT: Le facteur pression et les réactions cardiaques chez les poissons téléostéens d'eau douce XVI, 357-363
 A. SERFATY & M. WAITZENEGGER: Influence des variations du facteur thermique sur l'intensité du réflexe aero-cardiaque chez la carpe commune (*Cyprinus carpio* L.) XXIII, 281-286
 J. T. SPAAS & M. J. HEUTS: Contributions to the comparative physiology and genetics of the European Salmonidae. II. Physiologie et génétique du développement embryonnaire XII, 1-26

PHYTOPLANKTON

J. H. EVANS: The distribution of Phytoplankton in some central East African waters XIX, 299-315
 S. S. LAKSHMINARAYANA: Studies on the phytoplankton of the River Ganges, Varanasi, India, Part I. The physico-chemical characteristics of River Ganges. Part II. The seasonal growth and succession of the plankton Algae in the River Ganges. Part III. Growth of certain phytoplankton in standard synthetic media. Part IV. Phytoplankton in relation to fish population XXV, 119-175
 E. C. T. HOLSINGER: The distribution and periodicity of the phytoplankton of three Ceylon lakes VII, 25-35
 V. MARCHESONI: Un nuovo periodo di osservazioni sul fitoplancton del lago di Nemi (1939-1948) I, 333-345
 R. MARGALEF: Le phytoplancton estival de la „Costa Brava” catalane en 1946 I, 15-21
 R. MARGALEF: Correlations entre certains caractères synthétiques des populations de phytoplankton XVIII, 155-165
 R. C. PHILLIPS & L. A. WHITFORD: A quantitative study of the summer phytoplankton in four central North Carolina ponds XIV, 147-154
 E. STEEMAN NIELSEN: The production of organic matter by the phytoplankton in a danish lake receiving extraordinarily great amounts of nutrient salts VII, 68-74

PISCES

E. K. BALON: Verzeichnis und ökologische Charakteristik der Fische der Donau XXIV, 441-451
 M. BLANC: Etudes consacrées aux animaux dulcicoles et recherches d'hydrobiologie animale en France de 1945 à 1950 IV, 341-362
 A. F. DE BONT & H. MAES: Relation entre le frai du *Labeo altivelis* Peters et la conductivité des eaux VIII, 288-292

J. DAGET: Données récentes sur la biologie des poissons dans le delta central du Niger IX, 321-347

J. DAGET: Faune relicte sur le revers oriental du plateau de Bandiagara (Afrique occidentale) XVIII, 95-108

S. EHRLICH: Experiments in reversion of the filling up processes in fish ponds XVIII, 136-154

A. A. v. J. GROENEWALD: The role of *Eutropius depressirostris* Peters (Pisces: Schilbeidae) as a predator in a lowveld impoundment in the Transvaal XXIII, 267-273

A. A. v. J. GROENEWALD: Observations on the food habits of *Clarias gariepinus* Burchell, the South African freshwater barbel (Pisces: Clariidae) in Transvaal XXIII, 287-291

R. GRUBER: La place des principes d'expérimentation en pisciculture. XIX, 225-242

W. J. R. LANZING: Observations on Malachite green in relation to its application to fish diseases XXV, 426-441

K. MÜLLER: Qualitative und quantitative Untersuchungen der Fische der Fulda VII, 230-244

C. PEYRAUD & R. LABAT: Réactions cardio-respiratoires observées chez la sole au cours de l'ensablement XIX, 351-356

A. SERFATY & R. LABAT: Accidents cardiaques et variations brusques de salinité chez les poissons téléostéens marins XV, 293-308

E. P. SLASTENENKO: Zoogeographical review of the Black Sea fish fauna. XIV, 177-188

PLANKTON

W. P. Bervoets: De l'effet de l'hexachlorcyclohexane sur le plankton .. IV, 214-219

A. M. EL-MAGHRABY & Y. HALIM: A quantitave and qualitative study of the plankton of Alexandria waters XXV, 221-238

H. JÄRNEFELT: Kurze Mitteilungen über die Folgen einer Sprengung, zugleich ein kleiner Beitrag zur Kenntnis des winterlichen Planktons. VII, 381-386

H. JÄRNEFELT: Über die vertikale Tag- und Nachtverteilung des Planktons im Lohjanjärvi X, 175-197

K. P. KRISHNAMOORTHI & G. VISWESWARA: Hydrobiological studies in Gandhisagar (Jumma Tank). Diurnal variation in plankton XXV, 99-118

K. THOMASSON: Zur Planktonkunde Spitzbergens XII, 226-236

K. THOMASSON Zur Planktonkunde Spitzbergens. 2. XVIII, 192-198

N. L. WIBAUT-ISEBREE MOENS: Plankton from the Noordzeekanaal ... XI, 275-298

PLECOPTERA

T. GLEDHILL: The Ephemeroptera, Plecoptera and Trichoptera caught by emergency traps in two streams during 1958 XV, 179-189

POLAND

B. CZEZUGA: *Chlorobium limicola* Nads. (Chlorobacteriaceae) and the distribution of chlorophyll in some lakes of the Mazur Lake District. XXV, 412-423

S. EHRLICH: Experiments in reversion of the filling up processes in fish ponds XVIII, 136-154

S. EHRLICH: Two experiments in inducing nutria aggregation in unfenced artificial ponds XIX, 316-333

S. EHRLICH: Studies on the influence of nutria on carp growth XXIII, 196-210

S. EHRLICH & K. JEDYNAK: Nutria influence on a bog lake in northern Pomorze, Poland XIX, 273-297

POLLUTION

A. L. BASU: Observations on the probable effects of pollution on the primary productivity of the Hooghly and Mutlah estuaries XXV, 302-316

R. O. BRINKHURST: Observations on the recovery of a British river from gross organic pollution XXV, 9- 51
 J. M. DEAN & R. F. BURLINGTON: A quantitative evaluation of pollution effects on stream communities XXI, 193-199
 J. HILD: Hydrobiologische Untersuchungen in einigen abwasserbelasteten niederrheinischen Gewässern XVI, 203-214
 K. P. KRISHNAMOORTHY & G. VISWESWARA: Hydrobiological studies with reference to sudden fish mortality XXI, 275-303
 G. LENHARD: Dehydrogenase activity as criterion for the determination of toxic effects on biological purification systems XXV, 1- 8

PROTOZOA

E. C. BOVEE: An ecological study of *Amebas* from a small stream in northern Florida XXV, 69- 87
 A. J. BROOK: Some observations on the feeding of Protozoa on freshwater Algae IV, 281-293
 TH. G. N. DRESSCHER & A. J. J. GISPEN-VAN DER WEG: Quelques organismes sporadiques du plancton de la région d'Amsterdam XI, 93- 98
 M. UÉNO: A new suctorian parasitic to a Japanese Bathynellid XX, 185-187
 K. VANAMALA NAIDU: Studies on freshwater Protozoa of South India II: Ciliophora XXV, 545-570

RESERVOIRS AND WATERWORKS

G. ABDIN: Luminosity measurements in Aswan reservoir, Egypt I, 169-182
 G. ABDIN: Biological productivity of reservoirs I, 469-475
 G. ABDIN: Benthic algal flora of Aswan reservoir (Egypt) II, 118-133
 A. J. BROOK: The attached algal flora of slow sand filter beds of waterworks VII, 103-117
 E. A. FLINT: An investigation of the distribution in time and space of the algae of a British water reservoir II, 217-240
 N. N. SMIRNOV: On inshore Cladocera of the Volga water reservoirs XXI, 166-176
 N. N. SMIRNOV: On the seasonal distribution of inshore Cladocera of the Volga water reservoirs XXII, 202-207
 N. N. SMIRNOV: On the quantity of allochthonous pollen and spores received by the Rybinsk reservoir XXIV, 421-429
 M. ŠTĚPÁNEK, H. ETTL & M. VOTAVOVÁ: A note to explanation of reservoir water taste and odour XIII, 186-200

RHIZOPODA

E. BARTOŠ: Additions to knowledge of mossdwelling fauna of Switzerland. II, 285-295
 D. CHARDEZ: Etude sur les Thecamoebiens d'une petite piece d'eau .. X, 293-304
 D. CHARDEZ: Thécamoebiens des terres de Belgique, I XIV, 72- 78
 D. CHARDEZ: Etudes sur deux *Diffugia* XVI, 118-125
 D. CHARDEZ: Thécamoebiens des terres de Belgique, II XVI, 197-202
 L. DECLOITRE: Rhizopodes Thécamoebiens du Vénézuela VII, 325-372
 L. DECLOITRE: Mise au point de systématique dans le genre *Lesquereria* XIV, 278-280
 L. DECLOITRE: Mise au point de systématique dans le genre *Diffugia*. XIV, 386
 L. DECLOITRE: Structure de la thèque du genre *Corythion* Taraneck. XVI, 215-217
 L. DECLOITRE: Sur quelques Thécamoebiens récoltés en Norvège XIX, 179-182
 G. DEFLANDRE & M. DEFLANDRE-RIGAUD: *Diffugia?* *marina* Bailey, une espèce oubliée, synonyme de *Quadrulella symmetrica* (Wallich), Rhizopode testacé d'eau douce XII, 299-307
 TH. GROSPIETSCH: Beitrag zur Rhizopodenfauna Deutschlands I. Die Thécamöben der Rhön X, 305-322

H. R. HOOGENRAAD & A. A. DE GROOT: Thecamoebous Moss-rhizopods from New Zealand I, 28- 44
 A. MIDDLEHOEK: Remarks on *Microgromia socialis* Hertwig et Lesser I, 210-214
 P. VAN OYE: Is *Arcella amphora* van Oye identical with *Arcella apicata* Schaudinn? III, 194-198
 P. VAN OYE: On the thecamoeban fauna of New Zealand with description of four new species and biogeographical discussion VIII, 16- 37
 P. VAN OYE: Etude sur les Rhizopodes des marais du Sud-ouest d'Uvira (Congo Belge) X, 85-137
 P. VAN OYE: Faune rhizopodique du plateau de Kundulungu (Congo Belge) avec considérations concernant la répartition géographique des Rhizopodes XIII, 239-286
 M. ŠTĚPÁNEK: Rhizopoden aus alten, ausgetrockneten Moosproben XXI, 304-327
 M. ŠTĚPÁNEK & J. JIŘI: *Diffugia gramen* Penard, *Diffugia gramen* var. *achlora* Penard and *Diffugia gramen* f. *globulosa* f.n. (Morphometrical and statistical study) X, 138-156
 R. THOMAS: Le genre *Plagiopyxis* X, 198-214

RHODOPHYCEAE

I. A. ABBOTT: *Helminthora* and *Helminthocladia* from California. XXV, 88- 98
 W. H. ADEY: The genus *Phymatolithon* in the Gulf of Maine XXIV, 377-420
 A. P. AUSTIN: Observations on *Furcellaria fastigiata* (L.) Lam forma *aegagropila* Reinke in Danish waters together with a note on other attached algal forms XIV, 255-277
 A. P. AUSTIN: Observations on the growth, fruiting and longevity of *Furcellaria fastigiata* (L.) Lam XV, 193-207
 E. POST: Fruktifikationen und Keimlinge bei *Caloglossa* IX, 105-125
 E. POST: *Murrayellopsis dawsonii* Post gen. et spec. nov. aus einem marinem Goldfisch-Nest XXIII, 274-280
 E. POST: *Bostrychia hamana-tokidai* Post. Synoptische Studie. XXIII, 544-560
 E. POST: *Bostrychia tangatensis* Post. Synoptische Studie. XXIV, 584-602
 Wm. R. TAYLOR: Structure and taxonomic status of *Trichogloea* Hervey. III, 113-121
 Wm. R. TAYLOR: Notes on three Bermudian marine Algae XVIII, 277-283
 G. UHERKOVICH: Beiträge zur Kenntnis der Süßwasserrotalge *Thorea ramosissima* Bory. XIX, 243-251

ROTATORIA

E. BARTOŠ: On the Bohemian species of the genus *Pedalia* Barrois. I, 63- 77
 E. BARTOŠ: Additions to knowledge of mossdwelling fauna of Switzerland. II, 285-295
 E. BARTOŠ: Rotatoria of the Czechoslovakian Iceland-expedition III, 244-250
 J. BATUT: Etude de la faune submicroscopique de quelques tourbières à *Sphagnum* XXV, 239-276
 J. H. BELCHER: On the occurrence of *Bangia atropurpurea* (Roth.) Ag. in a freshwater site in Britain VIII, 298-299
 B. BERZINŠ: Einige neue Notommatidae-Arten (Rotatoria) aus Schweden. I, 312-321
 B. BERZINŠ: Zur Rotatorienfauna Siziliens VI, 309-320
 B. BERZINŠ: Nomenklatorische Bemerkungen an einigen planktischen Rotatorien-Arten aus der Gattung *Keratella* VI, 321-327
 B. BERZINŠ: Two new *Keratella*, Rotatoria, from Australia. XXI, 380-388
 J. DONNER: *Horaëlla brehmi* nov. gen. spec., ein neues Rädertier aus Indien II, 134-140
 P. LEENTVAAR: Quelques rotateurs rares observés en Hollande XVIII, 245-251
 H. LÖFFLER: Ergebnisse der Österreichischen Irenexpedition 1949/1950 VIII, 201-278
 C. K. G. NAYAR: Cyclomorphosis of *Brachionus calyciflorus* Pallas. XXV, 538-544
 T. NÓGRÁDI: Beiträge zur Limnologie und Rädertierfauna Ungarischer Nátrongewässer. IX, 348-360

A. PARISE: Sur les genres *Keratella*, *Synchaeta*, *Polyarthra* et *Filinia* d'un lac italien XVIII, 121-135
 R. POURRIOT: Contribution à la connaissance des Rotifères et des Cladocères de la région parisienne IX, 38- 49
 R. POURRIOT: Sur la nutrition des Rotifères à partir des algues d'eau douce IX, 50- 59
 R. POURRIOT: Influence de la nourriture sur l'apparition des femelles mictiques chez deux espèces et une variété de *Brachionus* IX, 60- 65
 R. POURRIOT: Sur l'élevage des Rotifères au laboratoire XI, 189-197
 R. POURRIOT: Recherches sur la biologie du Rotifère *Eosphora najas* Ehrenberg XVI, 309-322
 M. DE RIDDER: Recherches sur les Rotifères des eaux saumâtres III. Quelques Rotifères de la Camargue XI, 99-118
 M. DE RIDDER: Studies on brackish-water Rotifers, V. Some Rotifers from Weymouth Harbour (British Channel) XIII, 128-143
 M. DE RIDDER: Recherches sur les rotifères des eaux saumâtres, VIII. Quelques rotifères des Marismas espagnoles XX, 92-109
 A. RUTTNER-KOLISKO: Zum Formwechsel- und Artproblem von *Anuraea aculeata* (*Keratella quadrata*) I, 425-468
 V. SLÁDEČEK: A note on the occurrence of *Hexarthra fennica* Levander in Czechoslovakian oligohaline waters VII, 64- 67
 V. SLÁDEČEK: Contribution to the knowledge of the Rotifer *Ascomorpha minima* Hofsten XVIII, 274-276
 M. SUDZUKI: New systematical approach to the Japanese planktonic Rotatoria XXIII, 1-124
 K. YAMAMOTO: Plankton Rotatoria in Japanese inland waters XVI, 364-411

ROMANIA

L. BOTOSANEANU & ST. NEGREA: Une oasis aquatique à faune relique dans la Plaine du Danube inférieur XVIII, 199-218

SALMONIDAE

W. PENNINGTON (Mrs. T. G. TUTIN) & W. E. FROST: Fish vertebrae and scales in a sediment core from Esthwaite Water (English Lake District) XVII, 183-190
 J. T. SPAAS: Contributions to the comparative physiology and genetics of the European Salmonidae. I. Method for the determination of the oxygen consumption in ova, alevins and fishes of different sizes XI, 267-274
 J. T. SPAAS & M. J. HEUTS: Contributions to the comparative physiology and genetics of the European Salmonidae. II. Physiologie et génétique du développement embryonnaire XII, 1- 26
 J. T. SPAAS: Contribution to the comparative physiology and genetics of the European Salmonidae. III. Temperature resistance at different ages. XV, 78- 88
 D. R. SWIFT: Activity cycles in the brown trout (*Salmo trutta* Lin.), I. Fish feeding naturally XX, 241-247

SEWAGE

A. J. BROOK: The bottom-living algal flora of slow sand filter beds of water-works VI, 333-351
 J. M. DEAN: The effect of sewage on a chain of lakes in Indiana XXIV, 435-440
 TH. G. N. DRESSCHER: Description of a community of microorganisms in purified sewage mixed with rain water from storm-sewers. (A method for the determination of microbiocoenoses) XIV, 189-204
 TH. G. N. DRESSCHER: The biological and chemical effect of a central discharge of sewage into the „Buiten IJ” near Amsterdam XXV, 389-403

E. FJERDINGSTAD: *Bodo minus* Klein. Notes on its ecology and significance for estimation of sewage VI, 328-330
 G. LENHARD: Bottom deposits. A vital self-purification system in the degradation of polluting material in the natural waters and in biological treatment of effluents XXV, 404-411
 S. PRÁT & V. SLÁDEČEK: An inexpensive bioassay aimed at the agricultural disposal of waste waters XXIII, 246-252
 N. L. WIBAUT-ISEBREE MOENS: Untersuchungen über den Schlamm und die Gasbildung in den Amsterdamer Grachten in den Jahren 1929 bis 1931 IX, 13-24
 N. L. WIBAUT-ISEBREE MOENS: The influence of light on destruction of fenol in water XXIV, 540-555
 N. L. WIBAUT-ISEBREE MOENS & R. PEELEN: Biological purification in river-water under the influence of light. First communication XIX, 339-350

SOUTH AMERICA

E. BALECH: Deuxième contribution à la connaissance des *Peridinium* .. III, 305-330
 L. DECLOITRE: Rhizopodes thécamoebiens du Vénézuela VII, 325-372
 C. C. DAVIS: A study of the hatching process in aquatic Invertebrates. VII. Observations on hatching in *Notonecta melaena* Kirdaldy (Hemiptera, Notonectidae) and on *Ranatra absona* D. & DeC. (Hemiptera, Nepidae). VIII. The hatching process of *Amnicola (?) hydrobioides* (Ancey) (Prosobranchia, Hydrobiidae). XXIII, 253-266
 K. FÖRSTER: Desmidae from Brazil. 2. Teil: Bahia, Goyaz, Piauhy und Nord-Brasilien XXIII, 321-505
 W. KRIEGER & A. M. SCOTT: Some Desmidae from Peru IX, 126-144
 D. RIEDEL: Some remarks on the fecundity of *Tilapia* (*T. mossambica* Peters) and its introduction into Middle Central America (Nicaragua) together with a first contribution towards the limnology of Nicaragua XXV, 357-388

SOUTHERN AFRICA

J. D. AGNEW: The distribution of *Centroptiloides bifasciata* (E.-P.) (Baetidae: Ephem.) in Southern Africa, with ecological observations on the nymphs XX, 367-372
 J. D. AGNEW: New south African records of imperfectly known Baetidae (Ephem.) XXII, 41-46
 B. R. ALLANSON: On the systematics and distribution of the molluscan genus *Siphonaria* in South Africa XII, 149-180
 B. R. ALLANSON & J. M. T. M. GIESKES: Investigations into the ecology of polluted inland waters in the Transvaal XVIII, 1-94
 B. J. CHOLNOKY: Hydrobiologische Untersuchungen in Transvaal, I. VII, 137-209
 B. J. CHOLNOKY: Hydrobiologische Untersuchungen in Transvaal, II. Selbstreinigung im Jukskei-Crocodile Fluss-system XI, 205-266
 B. J. CHOLNOKY: Beiträge zur Kenntnis der Ökologie der Diatomeen in dem Swartkops-Bache nahe Port Elisabeth (Südost-Kaapland) XVI, 229-287
 B. J. CHOLNOKY: Beiträge zur Kenntnis der Ökologie der Diatomeen in Ost-Transvaal XIX, 57-119
 B. J. CHOLNOKY: Ein Beitrag zu der Ökologie der Diatomeen in dem englischen Protektorat Swaziland XX, 309-355
 F. M. CHUTTER: Hydrobiological studies on the Vaal River in the Vereeniging area. Part I. Introduction, water chemistry and biological studies on the fauna of habitats other than muddy bottom sediments XXI, 1-65
 G. H. FRANK: The hatching pattern of five species of Chironomid from a small reservoir in the eastern Transvaal lowveld as revealed by a new type of trap XXV, 52-68
 M. H. GIFFEN: Contributions to the diatom flora of South Africa I. Diatoms of the estuaries of the eastern Cape Province XXI, 201-265

A. A. v. J. GROENEWALD: The role of *Eutropius depressirostris* Peters (Pisces: Schilbeidae) as a predator in a lowveld impoundment in the Transvaal XXIII, 267-273

A. A. v. J. GROENEWALD: Observations on the food habits of *Clarias gariepinus* Burchell, the South African freshwater barbel (Pisces: Clariidae) in Transvaal XXIII, 287-291

A. D. HARRISON, P. KELLER & D. DIMOVIC, with notes on the diatoms by B. J. CHOLNOKY: Ecological studies on Olifantsvlei, near Johannesburg XV, 89-134

A. D. HARRISON, P. KELLER & W. A. LOMBARD: Hydrobiological studies on the Vaal River in the Vereeniging area. Part II: The chemistry, bacteriology and invertebrates of the bottom muds XXI, 66-89

W. G. INGLIS: *Nudora omercooperi* sp. nov. (Nematoda: freeliving) from a unusual locality in South Africa XXV, 176-180

P. KELLER: Bacteriological aspects of pollution in the Jukskei-Crocodile river system in the Transvaal, South Africa XIV, 205-254

W. D. OLIFF: Hydrobiological studies on the Tugela river system, Part I. The Main Tugela River XIV, 281-385

W. D. OLIFF: Hydrobiological studies on the Tugela River system, Part II. Organic pollution in the Bushmans River XVI, 137-196

W. D. OLIFF: Hydrobiological studies on the Tugela River system, Part III. The Buffalo River XXI, 355-379

W. D. OLIFF & J. L. KING: Hydrobiological studies on the Tugela River system, Part IV. The Mooi River XXIV, 567-583

M. A. POCOCK: *Letterstedia insignis* Areschoug XIV, 1-71

P. J. LE ROUX: Growth of *Tilapia mossambica* Peters in some Transvaal impoundments XVIII, 165-175

E. L. STEPHENS: *Microcystis toxica* sp. nov. a poisonous alga from the Transvaal and Orange Free State I, 14

G. E. VENTER: A new ephemeropteran record in South Africa XVIII, 327-331

SPAIN

R. MARGALEF: Le phytoplankton estival de la „Costa Brava” catalane en 1946 I, 15-21

R. MARGALEF: Une *Jaëra* dans les eaux douces des Baléares, *Jaëra balearica* n. sp. (Isopoda Asellota) IV, 209-213

M. DE RIDDER: Recherches sur les rotifères des eaux saumâtres. VIII. Quelques rotifères des Marismas espagnoles XX, 92-109

SPITSBERGEN

K. THOMASSON: Zur Planktonkunde Spitzbergens XII, 226-236

K. THOMASSON: Zur Planktonkunde Spitzbergens. 2 XVIII, 192-198

SWEDEN

B. BERZINŠ: Einige neue Notommatidae-Arten (Rotatoria) aus Schweden. I, 312-321

T. B. REYNOLDSON: Observations on the comparative ecology of lake-dwelling Tricladida in southern Sweden, Finland and northern Britain. XII, 129-141

SWITZERLAND

E. BARTOS: Additions to knowledge of mossdwelling fauna of Switzerland. II, 285-295

H. R. CHRISTEN: Neue und wenig bekannte Flagellaten aus dem Hausersee (Schweiz) X, 66-84

E. MESSIKOMMER: Beiträge zur Kenntnis der Algenflora des Kantons Zürich I, 133-168

E. MESSIKOMMER: Beitrag zur Kenntnis der Algenflora des Urner Reusstales (Zentralschweiz) VI, 1- 43
 E. A. THOMAS: Thermisch bedingte Horizontalzirkulationen, Wasserchemismus und Algenwucherungen an Zürichseeufern XX, 40- 58

TARDIGRADA

E. BARTOS: Additions to knowledge of mossdwelling fauna of Switzerland II, 285-295

TURBELLARIA

T. B. REYNOLDSON: Observations on the comparative ecology of lakedwelling Triclads in southern Sweden, Finland and northern Britain XII, 129-141

TRICHOPTERA

R. M. BADCOCK: Observation of oviposition under water of the aerial insect *Hydropsyche angustipennis* (Curtis) (Trichoptera) V, 222-225
 T. GLEDHILL: The Ephemeroptera, Plecoptera and Trichoptera caught by emergency traps in two streams during 1958 XV, 179-189
 C. COLLARDEAU: Influence de la température sur la consommation d'oxygène de quelques larves de Trichoptères XVIII, 252-264
 P. MAILLET & N. CARASSO: Catalogue systématique des larves de Trichoptères recoltées dans la région des Eyzies (Dordogne, France). Espèces à Fourreau VII, 387-393
 G. N. PHILIPSON: The fifth instar larva of *Potamophylax stellatus* (Curtis) (Limnephilidae: Trichoptera) XVIII, 321-326
 N. N. SMIRNOV: On nutrition of caddis worms *Phryganea grandis* L. XIX, 252-261

U.A.R.

G. ABDIN: Luminosity measurements in Aswan reservoir, Egypt I, 169-182
 G. ABDIN: Biological productivity of reservoirs I, 469-475
 G. ABDIN: Benthic algal flora of Aswan reservoir (Egypt) II, 118-133
 H. M. BISHAI: The water characteristics of the Nile in the Sudan with a note on the effect of *Eichhornia crassipes* on the hydrobiology of the Nile. XIX, 357-382
 D. P. DROVER & H. M. BISHAI: A preliminary study of some chemical constituents of the bottom deposits of the White Nile XX, 179-184
 A. M. EL-MAGHRABY & Y. HALIM: A quantitave and qualitative study of the plankton of Alexandria waters XXV, 221-238
 A. H. NASR: Ecological observations on the marine algae of Ghardaqa (Red Sea) VII, 245-255
 A. H. NASR & A. A. A. ALEEM: Ecological studies of some marine Algae from Alexandria I, 251-281
 J. RZÓSKA: Observations on tropical rainpools and general remarks on temporary waters XVII, 265-286
 J. F. TALLING: The longitudinal succession of water characteristics in the White Nile XI, 73- 89

U.S.A.

I. A. ABBOTT: *Helminthora* and *Helminthocladia* from California XXV, 88- 98
 W. H. ADEY: The genus *Phymatolithon* in the Gulf of Maine XXIV, 377-420
 A. A. ALEEM: Succession of marine fouling organisms on test panels immersed in deep-water at La Jolla, California XI, 40- 58
 K. B. ARMITAGE: Distribution of riffle insects of the Firehole River, Wyoming XVII, 152-174
 B. ASMUND & D. K. HILLIARD: Studies on Chrysophyceae from some ponds and lakes in Alaska. I. *Mallomonas* species examined with the electron microscope XVII, 237-258

J. E. BARDACH: Certain biological effects of thermocline shifts VII, 309-324
 J. L. BLUM: An ecological study of the Algae of the Saline River, Michigan IX, 361-408
 E. C. BOVEE: An ecological study of *Amebas* from a small stream in northern Florida XXV, 69- 87
 G. W. COMITA: *Cyclops magnus* from Amchitka, Alaska IV, 337-340
 J. M. DEAN & R. F. BURLINGTON: A quantitative evaluation of pollution effects on stream communities XXI, 193-199
 J. M. DEAN: The effect of sewage on a chain of lakes in Indiana XXIV, 435-440
 D. K. HILLIARD & B. ASMUND: Studies on Chrysophyceae from some ponds and lakes in Alaska II. Notes on the genera *Dinobryon*, *Hyalobryon* and *Epipyxis* with descriptions of new species XXII, 331-397
 Frère IRÉNÉE MARIE & D. K. HILLIARD: Desmids from Southcentral Alaska XXI, 90-124
 C. L. NEWCOMBE & J. V. SLATER: Temperature characteristics of Sodon Lake. A dichothermic lake in Southeastern Michigan I, 346-378
 C. S. NIELSEN: The non-sheathed Oscillatoriaceae of Northern Florida .. VI, 352-368
 M. S. NOEL: Animal ecology of a New Mexico springbrook VI, 120-135
 R. C. PHILLIPS & L. A. WHITFORD: A quantitative study of the summer phytoplankton in four central North Carolina ponds XIV, 147-154
 E. POST: *Murrayellopsis dawsonii* Post gen. et spec. nov. aus einem marinem Goldfisch-Nest XXIII, 274-280
 G. W. PRESCOTT: The fresh-water Algae of Montana, I. New species of Chaetophoraceae VII, 52- 59
 G. W. PRESCOTT & T. F. ANDREWS: A new species of *Anabaenopsis* in a Kansas Lake with notes on limnology VII, 60- 63
 G. W. PRESCOTT, H. SILVA & W. E. WADE: New or otherwise interesting fresh-water Algae from North America II, 84- 93
 R. S. SCHELTEMA & A. H. SCHELTEMA: Pelagic larvae of New England intertidal Gastropods II. *Anachis avara* XXII, 85- 91
 R. S. SCHELTEMA & A. H. SCHELTEMA: Pelagic larvae of New England intertidal Gastropods. III. *Nassarius trivittatus* XXV, 321-329
 A. M. SCOTT & G. W. PRESCOTT: The algal flora of Southeastern United States, VI. Additions to our knowledge of the desmid genus *Euastrum* 2. IV, 377-398
 W. E. WADE: Some notes on the algal ecology of a Michigan Lake ... II, 109-117
 L. A. WHITFORD & G. J. SCHUMACHER: Communities of algae in North Carolina streams and their seasonal relations XXII, 133-196

U.S.S.R.

B. BERZINŠ: On the biology of the Latvian perch (*Perca fluviatilis* L.) ... II, 64- 71
 B. FOTT: Neue russische algologische Literatur VI, 387-391
 B. FOTT: Neue sowjetische algologische Literatur II VIII, 184-190
 PH. D. MORDUKHAI-BOLTOVSKOI: Caspian fauna in fresh waters outside the Ponto-Caspian basin XXIII, 159-164
 PH. D. MORDUKHAI-BOLTOVSKOI: Polyphemidae of the Pontocaspian basin XXV, 212-222
 V. SLÁDEČEK: Some new Cyclopids from the Baikal Lake V, 179
 N. N. SMIRNOV: On nutrition of caddis worms *Phryganea grandis* L. XIX, 252-261
 N. N. SMIRNOV: *Eurycericus lamellatus* (O. F. Müller) (Chydoridae, Cladocera): Field observations and nutrition XX, 280-294
 N. N. SMIRNOV: On inshore Cladocera of the Volga water reservoirs .. XXI, 166-176
 N. N. SMIRNOV: On the seasonal distribution of inshore Cladocera of the Volga water reservoirs XXII, 202-207
 N. N. SMIRNOV: *Pleuroxis* (Chydoridae): Field observations and growth XXIII, 305-320
 N. N. SMIRNOV: On the quantity of allochthonous pollen and spores received by the Rybinsk reservoir XXIV, 421-429

WATER PLANTS

H. M. BISHAI: The water characteristics of the Nile in the Sudan with a note on the effect of *Eichhornia crassipes* on the hydrobiology of the Nile. XIX, 357-382
L. A. CAINES: The phosphorus content of some macrophytes with special reference to seasonal fluctuations and applications of phosphate fertilizers XXV, 289-301
J. J. HARROD & R. E. HALL: A method for determining the surface areas of various aquatic plants XX, 173-178
J. HILD: Die mikroklimatischen Verhältnisse in der wassernahen Luftschicht (Ein Beitrag zur Ökologie der niederrheinischen Wasserpflanzen-gegesellschaften) XXI, 342-354
M. OWENS & J. MARIS: Some factors affecting the respiration of some aquatic plants XXIII, 533-543
K. SEIDEL: Riesenwuchs auf verrotteten Haimen von *Scirpus lacustris* L. VII, 118-123

YUGOSLAVIA

S. GOLUBIĆ: Die „Seebälle“ — ein seltsamer Standort der Blaualgen. XVIII, 109-120
I. MATONIČKIN & Z. PAVLETIĆ: Epibiontische Verhältnisse auf den Kalktuff-wasserfällen des Flusses Krka in Dalmatien XVIII, 219-224
I. MATONIČKIN & Z. PAVLETIĆ: Contributo alla conoscenza dell'ecologia delle biocenosi sulle cascate travertinose nella regione Carstica Jugoslava XVIII, 225-244

GENERA ET SPECIES NOVAE

ALGAE

Basicladia ramulosa DUCKER
spec.n. X, 159
Chrysophaeum Lewisii TAYLOR
n.spec. III, 129
Chrysophaeum TAYLOR
n.gen. III, 129
Colacium epiphyticum FRITSCH
spec.nov. I, 124
Coronastrum anglicum FLINT
n.spec. II, 235
Meringosphaera spinosa PRESCOTT
n.spec. II, 87
Mougeotia Smithii FRITSCH
spec.nov. I, 119
Phymatolithon rugulosum ADEY
sp.nov. XXIV, 381
Pithophora tropica WOODHEAD &
TWEED spec.n. XII, 181
Pleurogaster oocystoides PRESCOTT
n.spec. II, 87
Rhododictyon bermudensis TAY-
LOR spec.n. XVIII, 278
Scenedesmus arcuatus LEMM.(?)
var. irregularis FLINT n.var. II, 235
Spirogyra ionia WADE
n.spec. II, 85
Spirogyra pseudo-juergensii SIL-
VA n.spec. II, 85
Stigeoclonium Nelsonii PRESCOTT
spec.n. VII, 56
Tetradinium simplex PRESCOTT
n.spec. II, 89

CHLOROPHYCEAE

Actinastrum indicum KAMAT
spec.n. XX, 266
Apatococcus constipatus PRINTZ
nov.comb. XXIV, 282
Aphanochaete globiferum (HANS-
GIRG) PRINTZ, nov. comb.
..... XXIV, 344
Asterococcus spinosus PRESCOTT
n.spec. II, 85
Bulbochaete glabra PRESCOTT
n.spec. II, 87
Bulbochaete nana WITTROCK ex
HIRN var. longa KAMAT var.n.
..... XX, 252
Cephaeluros endophyticus
(FRITSCH) PRINTZ nov.comb.
..... XXIV, 315
Coleochaete conchata MÖBIUS var.

brevicellularis (SCHMIDLE)
PRINTZ, nov. comb. XXIV, 356
Coleochaete pulvinata A. BRAUN
var. BAILEY (MÖBIUS) PRINTZ
nov.comb. XXIV, 353
Cylindrocystis minutissima TUR-
NER var. kolhapurensis KAMAT
var.n. XXII, 243
Cylindrospermum sphaericum B. N.
PRASAD f. cylindricum KAMAT
f.n. XXII, 274
Draparnaldia glomerata (VAUCH.)
AGARDH var. groenlandica
(BACHMANN) PRINTZ, nov.comb.
..... XXIV, 182
Draparnaldia sparsifasciculata
PRESCOTT spec.n. VII, 56
Draparnaldiopsis salishensis PRES-
COTT spec.n. VII, 52
Eremosphaera oocystoides PRES-
COTT n.spec. II, 85
Geminella dubia (SCHMIDLE)
PRINTZ, nov.comb. XXIV, 54
Geminella subtilissima (LAGER-
HEIM) PRINTZ, nov.comb. XXIV, 51
Gloeotilia spiroides (G. S. WEST)
PRINTZ nov. comb. XXIV, 46
Gloeotilia subconstricta (G. S.
WEST) PRINTZ, nov.comb.
..... XXIV, 50
Gongrosira calcaria (NAYAL)
PRINTZ nov.comb. XXIV, 250
Gongrosira Debaryana RABEN-
HORST var. samoensis (WILLE)
PRINTZ nov.comb. XXIV, 236
Gongrosira recurvata (WITTR. &
NORDST.) PRINTZ, nov.comb.
..... XXIV, 240
Gongrosira tibetana (SKUJA)
PRINTZ nov.comb. XXIV, 250
Leptosira terrestris (FRISCH &
JOHN) PRINTZ, nov.comb.
..... XXIV, 264
Leptosira terricola (BRISTOL)
PRINTZ nov.comb. XXIV, 264
Mougeotia poinciana TRANSEAU
var. minor KAMAT var.n. XXII, 252
Oedocladium indicum KAMAT
spec.n. XX, 261
Oedogonium abbreviatum (HIRN)
TIFFANY var. magna KAMAT
var.n. XX, 253
Oedogonium ahmedabadense KA-
MAT spec.n. XX, 254
Oedogonium aquaticum KAMAT

spec.n. XX, 254
Oedogonium consociatum COL-
 LINS & HERVEY var. *kolhapu-*
rense KAMAT var.n. XXII, 213
Oedogonium formosum KAMAT
 spec.n. XXII, 214
Oedogonium gelatinosum KAMAT
 spec.n. XXII, 214
Oedogonium geminatum KAMAT
 spec.n. XXII, 216
Oedogonium glabrum HALLAS f.
maharastrense KAMAT var.n.
 XXII, 216
Oedogonium hatei KAMAT
 spec.n. XXII, 218
Oedogonium hindustanense KA-
 MAT spec.n. XXII, 220
Oedogonium imahorii KAMAT
 spec.n. XXII, 220
Oedogonium kirtikarii KAMAT
 spec.n. XXII, 221
Oedogonium kolhapurensse KAMAT
 spec.n. XXII, 223
Oedogonium maharastrense KA-
 mat spec.n. XXII, 224
Oedogonium oyei KAMAT
 spec.n. XXII, 224
Oedogonium poecilosporum
 NORDSTEDT & HIRN var. *minor*
 KAMAT var.n. XX, 258
Oedogonium prescottii KAMAT
 spec.n. XXII, 227
Oedogonium princeps (HASSALL)
 WITTRICK ex HIRN f. *indicum*
 KAMAT f.n. XXII, 227
Oedogonium repens KAMAT
 spec.n. XXII, 22
Oedogonium santapaui KAMAT
 spec.n. XXII, 230
Oedogonium singhii KAMAT
 spec.n. XXII, 230
Oedogonium singulare KAMAT
 spec.n. XX, 260
Oedogonium unisporum KAMAT
 spec.n. XXII, 233
Oocystaenium elegans GONZAL-
 VES & MEHRA spec.n. XIII, 206
Oocystaenium GONZALVES &
 MEHRA gen.n. XIII, 205
Oocystis borgei SNOW var. *indica*
 KAMAT var.n. XX, 263
Oocystis kolhapurensse KAMAT
 spec.n. XXII, 236
Oocystis maharastrensis KAMAT
 spec.n. XXII, 236
Prasiola furfuracea (MERT.) ME-
 NEGHINI var. *leprosa* (KÜTZING)
 PRINTZ, nov.comb. XXIV, 110

Protoderma Beesleyi (FRITSCH)
 PRINTZ, comb.nov. XXIV, 292
Raphidonema cryophilum CHODAT
 var. *Chodati* (KOL) PRINTZ,
 nov.comb. XXIV, 62
Raphidonema Vireti (CHODAT)
 PRINTZ nom.nov. XXIV, 63
Rhexinema erumpens (DEASON &
 BOLD) PRINTZ, nov.comb.
 XXIV, 280
Scenedesmus abundans (KIRCH-
 NER) CHODAT var. *indica* KAMAT
 var.n. XXII, 238
Scenedesmus denticulatis LAGER-
 HEIM var. *kolhapurensis* KAMAT
 var.n. XXII, 239
Scenedesmus falcatus CHODAT var.
maior KAMAT var.n. XXII, 240
Scenedesmus kolhapurensis KA-
 MAT spec.n. XXII, 24
Scenedesmus maharastrensis KA-
 MAT spec.n. XXII, 242
Scenedesmus margalefii KAMAT
 spec.n. XXII, 242
Sirogonium hui (LI) TRANSEAU f.
minor KAMAT f.n. XX, 270
Spirogyra africana (FRITSCH)
 CZURDA f. *maior* KAMAT f.n.
 XXII, 253
Spirogyra ahmedabadensis KA-
 MAT spec.n. XX, 267
Spirogyra azygospora SINGH var.
inflata KAMAT var.n. XX, 267
Spirogyra gujaratensis KAMAT
 spec.n. XX, 268
Spirogyra hautilensis TRANSEAU
 var. *kolhapurensis* KAMAT
 var.n. XXII, 254
Spirogyra kolhapurensse KAMAT
 spec.n. XXII, 256
Spirogyra majuscula KUETZING
 var. *inflata* KAMAT var.n. XXII, 256
Spirogyra prolifica KAMAT
 spec.n. XX, 268
Spirogyra pseudocylindrica PRES-
 COTT n.spec. II, 87
Spirogyra singularis NORDSTEDT
 var. *maior* KAMAT var.n. XXII, 257
Stigeoclonium Möbiusianum
 (COLLINS) PRINTZ, nov.comb.
 XXIV, 136
Strombomonas urceolata (STOKES)
 DEFLANDRE var. *kolhapurensis*
 KAMAT var.n. XXII, 267
Zygnema kolhapurensse KAMAT
 spec.n. XXII, 258
Zygnema maharastrense KAMAT
 spec.n. XXII, 258

CILIATA

Carchesium aselli ENGELMANN var. parvum STILLER var.n.	V,	208	MARIE & HILLIARD spec.n.	XXI,	93
Carchesium limbatum STILLER spec.n.	V,	209	Arthrodesmus arcuatus JOSH. var. minus SCOTT & PRESCOTT var.n.	XVII,	74
Condylostoma tenuis FAURÉ-FRE- MIET spec.n.	X,	43	Arthrodesmus Bulnheimii var. subincus WEST & WEST f. Tay- lorii (TAYLOR) FÖRSTER nom.n. (A. Bulnheimii var. subincus W. & W. bei TAYLOR, 1934)		
Epistylis elegans STILLER n.spec.	V,	201	.....	XXIII,	407
Epistylis variabilis STILLER n.spec.	V,	198	Arthrodesmus convergens EHR. var. Wollei IRÉNEÉ-MARIE var. n.	IV,	34
Euplotes crenosus TUFFRAU spec.n.	XV,	39	Arthrodesmus curvatus TURN. var. borgei SCOTT & PRESCOTT var.n.	XVII,	75
Euplotes mutabilis TUFFRAU spec.n.	XV,	54	Arthrodesmus curvatus TURN. var. kalimantus SCOTT & PRE- SCOTT var.n.	XVII,	75
Euplotes tegulatus TUFFRAU spec.n.	XV,	26	Arthrodesmus curvatus TURN. var. latus SCOTT & PRESCOTT var.n.	XVII,	76
Tokophrya phreaticum UÉNO spec.n.	XX,	185	Arthrodesmus hiatus TURNER f. pentangularis FÖRSTER f.n.	XXIII,	408
Sonderia labiata FAURÉ-FREMIET & TUFFRAU n.spec.	VII,	210	Arthrodesmus menoides SCOTT & PRESCOTT spec.n.	XVII,	77
Vorticella octava STOKES var. asel- licola STILLER var.n.	V,	206	Arthrodesmus phimus var. hebri- darus WEST & WEST f. brasili- ensis FÖRSTER f.n.	XXIII,	409
Zoothamnium haplocaulis STIL- LER spec.n.	V,	215	Arthrodesmus Ralfsii W. WEST var. extensus IRÉNEÉ-MARIE var.n.	IV,	35
Zoothamnium hyalinum STILLER spec.n.	V,	216	Arthrodesmus sachlanii SCOTT & PRESCOTT spec.n.	XVII,	77
Zoothamnium hyalinum var. com- pactum STILLER spec.n., var.n.	V,	218	Arthrodesmus sumatranus SCOTT & PRESCOTT spec.n.	XVII,	78
Zoothamnium minimum STILLER var. major STILLER var.n.	V,	212	Arthrodesmus triangularis ARCH. var. latum IRÉNEÉ-MARIE var.n.	IV,	36
Zoothamnium kahlii balatonicum nom.n. STILLER var.n.	V,	214	Arthrospira balkrishnani KAMAT spec.n.	XXII,	278
CRUSTACEA					
Acanthocyclops miurai ITO spec.n.	XI,	8	Bambusina brebissonii KÜTZ f. constricta SCOTT & PRESCOTT f.n.	XVII,	124
Bryocyclops pauliani LINDBERG spec.n.	VI,	97	Bambusina Brebissonii KÜTZ var. giganteum FÖRSTER var.n.	XXIII,	433
Halicyclops higoensis ITO spec.n.	XI,	22	Closterium abruptum W. WEST var. brasiliense (BORGE) FÖR- STER comb. n. (= Cl. legumen var. brasiliense BORGE (1918))	XXIII,	337
Jaëra balearica MARGALEF n.spec.	IV,	209	Closterium acerosum (SCHRANK) EHRBG. f. rectum SCOTT & PRE- SCOTT f.n.	XVII,	10
Menzeliella LINDBERG n.gen.	VI,	105	Closterium angustatum KÜTZ var.		
Nannocythere remanei SCHÄFER n.gen., n.spec.	V,	353			
Nannocythere SCHÄFER gen.n.	V,	352			
Paracyclops aioiensis ITO spec.n.	XI,	6			
DESMIDIACEAE					
Arthrodesmus alaskensis IRÉNEÉ-					

recta IRÉNÉE-MARIE var.n.	IV,	5
Closterium cornu EHR. var. minor IRÉNÉE-MARIE var.n.	IV,	7
Closterium ehrenbergii MENEGHINI f. attenuatum KAMAT f.n.	XXII,	244
Closterium incurvum BRÉB. f. latior IRÉNÉE-MARIE f.n.	IV,	10
Closterium didymotocum var. minus WEST & WEST f. striolatum FÖRSTER f.n.	XXIII,	338
Closterium didymotocum RALFS var. striolatum FÖRSTER var.n.	XXIII,	338
Closterium kolhapurensse KAMAT spec.n.	XXII,	245
Closterium kolhapurensse var. minus KAMAT var.n.	XXII,	245
Closterium libellula FOCKE var. elongatum (KRIEG.) SCOTT & PRESCOTT comb.n.	XVII,	11
Closterium lunula var. massartii (WILDEM.) KRIEG. f. nasutum SCOTT & PRESCOTT f.n.	XVII,	12
Closterium maharastrense KAMAT spec.n.	XXII,	246
Closterium moniliferum (BORY) EHRBG. var. acutum KRIEGER & SCOTT var.n.	IX,	130
Closterium rectimarginatum SCOTT & PRESCOTT spec.n.	XVII,	13
Closterium rectimarginatum SCOTT & PRESCOTT var. maius KAMAT var.n.	XXII,	246
Closterium rugosum WOODHEAD & TWEED spec.n.	XII,	182
Closterium semicirculare KRIEGER & SCOTT spec.n.	IX,	131
Closterium setaceum EHR. f. recta IRÉNÉE-MARIE f.n.	XXXIII,	326
Closterium smolandicum LUND var.maius CHOLNOKY n.var.	VII,	199
Closterium subulatum var. sigmoideum WOODHEAD & TWEED var.n.	XV,	323
Closterium toxon W. WEST f. sigmoideum IRÉNÉE-MARIE f.n.	IV,	18
Cosmarium aculeatum FÖRSTER spec.n.	XXIII,	386
Cosmarium alpestre ROY & BISS. var. minor IRÉNÉE-MARIE var.n.	VIII,	81
Cosmarium amoenum BRÉB. var. maius KAMAT var.n.	XX,	273
Cosmarium angulosum BRÉB. f. rotundatum IRÉNÉE-MARIE f.n.		
		VIII, 83
Cosmarium anomalum FÖRSTER spec.n.	XXIII,	386
Cosmarium anomalum f. symmetricum FÖRSTER f.n.	XXIII,	387
Cosmarium apiatum SCOTT & PRESCOTT spec.n.	XVII,	54
Cosmarium avalonense WOODHEAD & TWEED spec.n.	XV,	324
Cosmarium aversum WEST & WEST var. sumatranum SCOTT & PRESCOTT var.n.	XVII,	55
Cosmarium binerve LUND. var. subangulatum SCOTT & PRESCOTT var.n.	XVII,	55
Cosmarium bioculatum BRÉB. f. major IRÉNÉE-MARIE f.n.	VIII,	85
Cosmarium bioculatum BRÉB. var. punctatum IRÉNÉE-MARIE var.n.	IV,	103
Cosmarium bipunctatum BÖRGES. var. maius FÖRSTER var.n.	XXIII,	387
Cosmarium bireme NORDST. var. inerme MESSIKOMMER var.n.	VI,	34
Cosmarium buchansianum WOODHEAD & TWEED spec.n.	XV,	326
Cosmarium burkillii WEST & WEST var. depresso SCOTT & PRESCOTT var.n.	XVII,	56
Cosmarium ceylanicum WEST & WEST f. minus SCOTT & PRESCOTT f.n.	XVII,	56
Cosmarium connatum BRÉB. var. depresso IRÉNÉE-MARIE var.n.	VIII,	90
Cosmarium contractum KIRCHN. var. rectangulare IRÉNÉE-MARIE var.n.	VIII,	92
Cosmarium crassangularum BORGE var. triverrucosum KRIEG. f. truncatum SCOTT & PRESCOTT f.n.	XVII,	57
Cosmarium cucurbitinum (BISS.) LÜTKEM f. subretusa MESSIKOMMER f.n.	VI,	33
Cosmarium cyclicum LUND f. crenulatum KAMAT f.n.	XX,	274
Cosmarium decedens (REINSCH) RACIB. var. bahiense FÖRSTER var.n.	XXIII,	388
Cosmarium decoratum W. & G. S. WEST f. Kriegeri WOODHEAD & TWEED nom.n.	XII,	188
Cosmarium decussiferum BORGE var. mediogranulatum FÖRSTER var.n.	XXIII,	388

<i>Cosmarium denticulatum</i> BORGE var. <i>ellipsoideum</i> SCOTT & PREScott var.n.	XVII,	58
<i>Cosmarium dentiferum</i> CORDA var. <i>minus</i> KAMAT var.n.	XX,	275
<i>Cosmarium dimaziforme</i> (GRÖNBL.) SCOTT & GRÖNBL. var. <i>concavum</i> FÖRSTER var.n.	XXIII,	389
<i>Cosmarium dimaziforme</i> (GRÖNBL.) SCOTT & GRÖNBL. var. <i>goyazense</i> FÖRSTER var.n.	XXIII,	389
<i>Cosmarium dimaziforme</i> (GRÖNBL.) SCOTT & GRÖNBL. var. <i>undulatum</i> FÖRSTER var.n.	XXIII,	389
<i>Cosmarium distortum</i> FÖRSTER spec.n.	XXIII,	390
<i>Cosmarium exasperatum</i> JOSH. var. <i>spinatum</i> SCOTT & PRES- COTT var.n.	XVII,	58
<i>Cosmarium favum</i> WEST & WEST var. <i>subafricanum</i> FÖRSTER var.n.	XXIII,	391
<i>Cosmarium freemanii</i> WEST & WEST var. <i>verrucosum</i> SCOTT & PREScott var.n.	XVII,	58
<i>Cosmarium furcatum</i> FÖRSTER spec.n.	XXIII,	391
<i>Cosmarium gbuliense</i> WOODHEAD & TWEED spec.n.	XII,	188
<i>Cosmarium goyazense</i> FÖRSTER spec.n.	XXIII,	392
<i>Cosmarium Kaiseri</i> MESSIKOMMER spec.n.	VI,	32
<i>Cosmarium kangofuriense</i> WOOD- HEAD & TWEED spec.n.	XII,	189
<i>Cosmarium laeve</i> RABENH. var. <i>aceratum</i> FÖRSTER var.n.	XXIII,	393
<i>Cosmarium laeve</i> RABENH. f. <i>major</i> IRÉNÉE-MARIE f.n.	VIII,	103
<i>Cosmarium laeve</i> RAB. var. <i>septen- trionale</i> WILLE f. <i>protuberans</i> SCOTT & PREScott f.n.	XVII,	60
<i>Cosmarium lagerheimianum</i> (TURN.) SCOTT & PREScott comb.n.	XVII,	60
<i>Cosmarium lagoense</i> NORDST. var. <i>amoebum</i> FÖRSTER var.n.	XXIII,	394
<i>Cosmarium Luetzelburgii</i> FÖR- STER spec.n.	XXIII,	395
<i>Cosmarium lunatum</i> WOLLE var. <i>orientale</i> SCOTT & PREScott var. n.	XVII,	60
<i>Cosmarium lundellii</i> DELP.f.cras-		
<i>sangulatum</i> SCOTT & PREScott f.n.	XVII,	61
<i>Cosmarium magnificum</i> NORDST. var. <i>granulorum</i> SCOTT & PRES- COTT var.n.	XVII,	61
<i>Cosmarium maharastrense</i> KAMAT spec.n.	XXII,	249
<i>Cosmarium malleum</i> KRIEG. var. <i>menggalense</i> SCOTT & PREScott var.n.	XVII,	62
<i>Cosmarium margaritiferum</i> var. <i>quinquepunctatum</i> WOODHEAD & TWEED var.n.	XV,	326
<i>Cosmarium minor</i> (TURN.) GUTW. f. <i>minor</i> WOODHEAD & TWEED f.n.	XII,	189
<i>Cosmarium monomazum</i> var. <i>di- mazum</i> KRIEG. f. <i>brasiliense</i> FÖRSTER f.n.	XXIII,	396
<i>Cosmarium nitidulum</i> DE NOT f. hians IRÉNÉE-MARIE f.n.	VIII,	108
<i>Cosmarium Nymanianum</i> GRUN. var. <i>subkolkwitzii</i> FÖR- STER var.n.	XXIII,	397
<i>Cosmarium obsoletum</i> REINSCH var. <i>glabra</i> v. OYE n.var. V,	242,	282
<i>Cosmarium ocellatum</i> EICHL. & GUTW. var. <i>brasiliense</i> FÖRSTER var.n.	XXIII,	398
<i>Cosmarium ornatum</i> RALFS var. <i>amoebum</i> FÖRSTER var.n.	XXIII,	398
<i>Cosmarium ornatum</i> RALFS. var. <i>lagoense</i> (NDT.) IRÉNÉE-MARIE comb.n.	IV,	119
<i>Cosmarium ornatum</i> RALFS var. <i>pseudolagoense</i> FÖRSTER var.n.	XXIII,	399
<i>Cosmarium ornatum</i> RALFS f. <i>simplex</i> IRÉNÉE-MARIE f.n.	VIII,	112
<i>Cosmarium ornatum</i> RALFS var. <i>sublagoense</i> FÖRSTER var.n.	XXIII,	399
<i>Cosmarium otus</i> KRIEG. var. <i>orna- tus</i> SCOTT & PREScott var.n.	XVII,	64
<i>Cosmarium pachidermum</i> LUND var. <i>pusillum</i> IRÉNÉE-MARIE var.n.	IV,	121
<i>Cosmarium pericymatium</i> Ndt. var. <i>laeve</i> IRÉNÉE-MARIE var.n.	IV,	122
<i>Cosmarium perincisum</i> GRÖNBL. var. <i>ahmedabadense</i> KAMAT var. n.	XX,	276
<i>Cosmarium pleurotaeniforme</i> FÖRSTER spec.n.	XXIII,	399

<i>Cosmarium portianum</i> ARCH. var. majus SCOTT & PRESCOTT var.n.	XVII, 65
<i>Cosmarium praemorsum</i> BRÉB. f. minor IRÉNÉE-MARIE f.n.	VIII, 117
<i>Cosmarium prominulum</i> RACIB. var. orientale SCOTT & PRESCOTT var.n.	XVII, 66
<i>Cosmarium protuberans</i> LUND. var. sumatranum SCOTT & PRESCOTT var.n.	XVII, 66
<i>Cosmarium pseudobaronii</i> WOOD- HEAD & TWEED spec.n.	... XII, 189
<i>Cosmarium pseudoconnatum</i> NORDST. var. attenuatum FÖR- STER var.n.	..... XXIII, 400
<i>Cosmarium pseudopyramidatum</i> LUNDELL var. glabra VAN OYE	
<i>Cosmarium pseudotaxichondrum</i> NORDST. var. distans FÖRSTER var.n.	..... XXIII, 401
nov.var.	..... I, 296
<i>Cosmarium pseudotaxichondrum</i> NORDST. var. siamense WEST & WEST f. denticulatum SCOTT & PRESCOTT f.n.	..... XVII, 67
<i>Cosmarium pseudotithophorum</i> WOODHEAD & TWEED spec.n.	..... XV, 326
<i>Cosmarium pseudoxanthidiforme</i> FÖRSTER spec.n.	..... XXIII, 401
<i>Cosmarium punctulatum</i> BRÉB. f. WELWITSCHII WOODHEAD & TWEED nom.n.	..... XII, 190
<i>Cosmarium quadratum</i> (GAY) DE TONI var. lata IRÉNÉE-MA- RIE var.n.	..... VIII, 123
<i>Cosmarium quadrifarium</i> LUND. var. Taylorii WOODHEAD & TWEED var.n.	..... XV, 327
<i>Cosmarium quadriverrucosum</i> WEST & WEST var. undulatum SCOTT & PRESCOTT var.n.	..... XVII, 67
<i>Cosmarium quinarium</i> LUND. var. brasiliense FÖRSTER var.n.	..... XXIII, 402
<i>Cosmarium refringens</i> W. R. TAY- LOR var. major IRÉNÉE-MARIE var.n.	..... IV, 129
<i>Cosmarium refringens</i> W. R. TAY- LOR var. minor IRÉNÉE-MARIE var.n.	..... IV, 128
<i>Cosmarium reniforme</i> (RALFS) ARCH. var. laeve IRÉNÉE-MARIE var.n.	..... VIII, 129
<i>Cosmarium retusiforme</i> (WILLE) GUTW. var. crassum FÖRSTER var.n.	..... XXIII, 403
<i>Cosmarium rugulosum</i> MESSI- KOMMER spec.n.	..... VI, 33
<i>Cosmarium sierra-leonense</i> WOODHEAD & TWEED spec.n.	..... XII, 190
<i>Cosmarium sparsum</i> TURNER var. arthrodesmiforme FÖRSTER var. n.	..... XXIII, 403
<i>Cosmarium Sportella</i> BRÉB. var. subnudum W. et G. S. WEST f. minor IRÉNÉE-MARIE f.n.	VIII, 134
<i>Cosmarium Stansfieldii</i> WOOD- HEAD & TWEED spec.n.	... XII, 190
<i>Cosmarium staurastroides</i> EICHL. & GUTW. var. porosum SCOTT & PRESCOTT var.n.	..... XVII, 70
<i>Cosmarium strongylon</i> SCOTT & PRESCOTT spec.n.	..... XVII, 70
<i>Cosmarium subauriculatum</i> W. & G. S. WEST var. duplo-major WOODHEAD & TWEED var.n.	..... XII, 191
<i>Cosmarium subceratophroides</i> FÖRSTER spec.n.	..... XXIII, 404
<i>Cosmarium subdeplanatum</i> SCHM. f. major IRÉNÉE-MARIE f.n.	..... XIII, 346
<i>Cosmarium sublobatum</i> var. bra- siliense BORGE f. scrobiculatum FÖRSTER f.n.	..... XXIII, 405
<i>Cosmarium subpraemorum</i> BOR- GE f. minor IRÉNÉE-MARIE f.n.	..... VIII, 137
<i>Cosmarium subretusiforme</i> WEST & WEST var. crassum SCOTT & PRESCOTT var.n.	..... XVII, 70
<i>Cosmarium subretusiforme</i> WEST & G. S. WEST var. maius KA- MAT var.n.	..... XXII, 250
<i>Cosmarium subundulatum</i> WILLE var. ellipticum FÖRSTER var.n.	..... XXIII, 405
<i>Cosmarium succisum</i> W. WEST f. Jaoi WOODHEAD & TWEED nom. n.	..... XII, 191
<i>Cosmarium superbum</i> W. R. TAY- LOR var. decoratum IRÉNÉE- MARIE var.n.	..... VIII, 140
<i>Cosmarium superbum</i> W. R. TAY- LOR f. major IRÉNÉE-MARIE f.n.	..... VIII, 139
<i>Cosmarium superbum</i> W. R. TAY- LOR f. minor IRÉNÉE-MARIE f.n.	..... VIII, 140
<i>Cosmarium Symoensi</i> VAN OYE spec.n.	..... XII, 262
<i>Cosmarium tagmasterion</i> SCOTT & PRESCOTT spec.n.	... XVII, 71

<i>Cosmarium taxichondrum</i> LUND. var. <i>maritianum</i> IRÉNÉE-MARIE var.n.	VIII, 142
<i>Cosmarium taxichondrum</i> LUND. var. <i>mucronatum</i> IRÉNÉE-MARIE var.n.	IV, 133
<i>Cosmarium taxichondrum</i> LUND. var. <i>truncatum</i> IRÉNÉE-MARIE var.n.	IV, 134
<i>Cosmarium tinctum</i> RALFS f. <i>tor-tum</i> SCOTT & PRESCOTT f.n.	XVII, 72
<i>Cosmarium trutum</i> IRÉNÉE-MARIE n.spec.	VIII, 145
<i>Cosmarium undulatum</i> CORDA var. <i>circulare</i> IRÉNÉE-MARIE var.n.	VIII, 146
<i>Cosmarium vitiosum</i> SCOTT & GRÖNBL. f. <i>subornatum</i> FÖRSTER f.n.	XXIII, 406
<i>Cosmarium vitiosum</i> SCOTT & GRÖNBL. var. <i>orientale</i> SCOTT & PRESCOTT var.n.	XVII, 73
<i>Cosmarium xanthidiforme</i> FÖRSTER spec.n.	XXIII, 406
<i>Cosmarium xanthidiforme</i> var. <i>spinatum</i> FÖRSTER var.n.	XXIII, 407
<i>Cosmarium zonatum</i> LUND. var. <i>pyriforme</i> SCOTT & PRESCOTT var.n.	XVII, 73
<i>Cylindrocystis Brébissonii</i> NEGHINI var. <i>curvata</i> RABANUS f. <i>quadripyrenoidea</i> VAN OYE f.n.	XII, 259
<i>Desmidium baileyi</i> (RALFS) NORDST. f. <i>longiprocessum</i> SCOTT & PRESCOTT f.n.	XVII, 124
<i>Desmidium bengalicum</i> TURN. f. <i>quadratum</i> SCOTT & PRESCOTT f.n.	XVII, 125
<i>Desmidium quadratum</i> NORDST. var. <i>constrictum</i> FÖRSTER var.n.	XXIII, 436
<i>Desmidium swartzii</i> AGARDH var. <i>bicristatum</i> SCOTT & PRESCOTT var.n.	XVII, 125
<i>Euastrum acanthophorum</i> TURN. f. <i>minus</i> SCOTT & PRESCOTT f.n.	XVII, 22
<i>Euastrum acmon</i> WEST & WEST var. <i>turgidum</i> SCOTT & PRESCOTT var.n.	IV, 377
<i>Euastrum ampullaceum</i> f. <i>lata</i> IRÉNÉE-MARIE f.n.	IV, 162
<i>Euastrum antistrophum</i> SCOTT & PRESCOTT spec.n.	XVII, 22
<i>Euastrum arciferum</i> BORGE var.	
<i>bahiense</i> FÖRSTER var.n.	XXIII, 348
<i>Euastrum arciferum</i> BORGE var. <i>goyazense</i> FÖRSTER var.n.	XXIII, 349
<i>Euastrum arciferum</i> BORGE var. <i>longispinum</i> FÖRSTER var.n.	XXIII, 349
<i>Euastrum bahiense</i> FÖRSTER spec.n.	XXIII, 349
<i>Euastrum bidentatum</i> var. <i>ocula-tum</i> (ISTV.) KRIEG f. <i>glabrum</i> SCOTT & PRESCOTT f.n.	IV, 378
<i>Euastrum bidentatum</i> NÄG. var. <i>peruvianum</i> KRIEGER & SCOTT var.n.	IX, 132
<i>Euastrum bidentatum</i> NAEG. var. <i>quadrioculatum</i> SCOTT & PRESCOTT var.n.	IV, 379
<i>Euastrum BORGE</i> var. <i>maximum</i> FÖRSTER var.n.	XXIII, 351
<i>Euastrum Ciastonii</i> RACIB. var. <i>apertisinguatum</i> SCOTT & PRESCOTT var.n.	IV, 379
<i>Eustrum Ciastonii</i> var. <i>asymmetri-cum</i> SCOTT & PRESCOTT var.n.	IV, 380
<i>Euastrum Ciastonii</i> RACIB. f. <i>hians</i> IRÉNÉE-MARIE f.n.	IV, 163
<i>Euastrum concave</i> FÖRSTER spec.n.	XXIII, 351
<i>Euastrum Croasdaleae</i> GRÖNBL. var. <i>incrassatum</i> FÖRSTER var.n.	XXIII, 352
<i>Euastrum Didelta</i> (TURP.) RALFS var. <i>alaskense</i> IRÉNÉE-MARIE & HILLIARD var.n.	XXI, 105
<i>Euastrum distortum</i> SCOTT & PRESCOTT spec.n.	XVII, 25
<i>Euastrum doliforma</i> WEST & WEST var. <i>dichondrum</i> FÖRSTER var.n.	XXIII, 352
<i>Euastrum dubium</i> NÄG. f. <i>africa-num</i> WOODHEAD & TWEED f.n.	XII, 184
<i>Euastrum dubium</i> NAEG. var. <i>transvaalensis</i> CHOLNOKY n.var.	VII, 201
<i>Euastrum duplicato-verrucosum</i> FÖRSTER spec.n.	XXIII, 353
<i>Euastrum Eckertii</i> FÖRSTER spec.n.	XXIII, 353.
<i>Euastrum elobatum</i> (LUND.) ROY & BISS. var. <i>oculatum</i> SCOTT & PRESCOTT var.n.	XVII, 26
<i>Euastrum elobatum</i> (LUND.) ROY & BISS. var. <i>peruvianum</i> KRIEGER & SCOTT var.n.	IX, 132

Euastrum evolutum (NORDST.)
 WEST & WEST var. *goyazense*
 FÖRSTER var.n. XXIII, 354
Euastrum evolutum var. *integrius*
 WEST & WEST f. *turgidum*
 SCOTT & PRESCOTT f.n. IV, 381
Euastrum evolutum var. *monticuloseum* (TAYL.) KRIEG. f. *poriferum*
 SCOTT & PRESCOTT f.n. IV, 381
Euastrum evolutum (NORDST.)
 WEST & WEST var. *reductum*
 SCOTT & PRESCOTT var.n. IV, 382
Euastrum femmeasense FÖRSTER
 spec.n. XXIII, 355
Euastrum fissum WEST & WEST
 var. *angustum* SCOTT & PRESCOTT var.n. IV, 382
Euastrum fissum WEST & WEST
 var. *decoratum* SCOTT & PRESCOTT var.n. IV, 383
Euastrum fissum WEST & WEST
 var. *pseudo-elegans* SCOTT & PRESCOTT var.n. IV, 344
Euastrum flammeum JOSH. var.
kalimantanum SCOTT & PRESCOTT var.n. XVII, 27
Euastrum floridense SCOTT & PRESCOTT spec.n. IV, 385
Euastrum gemmatooides IRÉNÉE-MARIE spec.n. XIII, 352
Euastrum gessneri KRIEG & BOURR. var. *laticeps* SCOTT & PRESCOTT var.n. XVII, 27
Euastrum gnathophorum WEST & WEST var. *bulbosum* SCOTT & PRESCOTT var.n. XVII, 28
Euastrum goyazense FÖRSTER
 spec.n. XXIII, 356
Euastrum holoscerum WEST var.
bipappilosum FÖRSTER var.n. XXIII, 356
Euastrum Humbertii var. *brasiliense* KRIEG. f. *bahiense* FÖRSTER f.n. XXIII, 357
Euastrum Humbertii *brasiliense*
 KRIEG. f. *goyazense* FÖRSTER f.n. XXIII, 357
Euastrum hypochondrum
 NORDST. f. *decoratum* SCOTT & PRESCOTT f.n. IV, 386
Euastrum hypochondrum
 NORDST. f. *promineus* SCOTT & PRESCOTT f.n. IV, 387
Euastrum incavatum JOSH. & NORDST. var. *platycephalum*
 SCOTT & PRESCOTT var.n. XVII, 28
Euastrum inerme (RALFS) LUND
 f. *africana* CHOLNOKY f.n. VII, 201
Euastrum inerme (RALFS) LUND.
 var. *brasiliense* FÖRSTER var.n. XXIII, 357
Euastrum informe BORGE f. *oculatum* SCOTT & PRESCOTT f.n. IV, 387
Euastrum inornatum SCOTT & PRESCOTT spec.n. XVII, 29
Euastrum insigne var. *lobulatum*
 PRESCOTT & SCOTT f. *acutilobum* SCOTT & PRESCOTT f.n. IV, 388
Euastrum inusitatum FÖRSTER
 spec.n. XXIII, 358
Euastrum inusitatum var. *symmetricum* FÖRSTER var.n. XXIII, 358
Euastrum invaginatum SCOTT & PRESCOTT spec.n. IV, 388
Euastrum irregularare FÖRSTER
 spec.n. XXIII, 359
Euastrum latum KRIEGER & SCOTT spec.n. IX, 133
Euastrum Loefgrenii BORGE var.
goyazense FÖRSTER var.n. XXIII, 359
Euastrum longicolle NORDST. var.
magnaporum SCOTT & PRESCOTT var.n. XVII, 30
Euastrum longicolle NORDST. var.
rotundilobum SCOTT & PRESCOTT var.n. XVII, 31
Euastrum luetkemuelleri DUCELL.
 var. *menggalense* SCOTT & PRESCOTT var.n. XVII, 32
Euastrum malmei BORGE var. *congolense* v. OYE n.var. V, 241, 268
Euastrum moebii (BORGE) SCOTT & PRESCOTT var. *tetrachastriforme* WEST & WEST f. *latum* SCOTT & PRESCOTT f.n. XVII, 33
Euastrum minutum VAN OYE nov.spec. I, 292
Euastrum obesum JOSHUA var.
minor WOODHEAD & TWEED var.n. XII, 185
Euastrum oculatum BÖRGES var.
cyclopicum FÖRSTER var.n. XXIII, 360
Euastrum oculatum BÖRGES var.
mediospinatum FÖRSTER var.n. XXIII, 360
Euastrum oculatum BÖRG. var.
tonsum W. et G. S. WEST f. *mu-cronatum* IRÉNÉE-MARIE f.n. IV, 172
Euastrum papillare FÖRSTER
 spec.n. XXIII, 361
Euastrum paulense BÖRGES f.
caicarense FÖRSTER f.n.

Euastrum pectinatum DE BRÉB.	XXIII, 361
var. brasiliense FÖRSTER var.n.	
.....	XXIII, 362
Euastrum pinnatum RALFS var.	
Brasiliense FÖRSTER var.n.	
.....	XXIII, 362
Euastrum pectinatum BRÉB. var.	
lobuliferum SCOTT & PRESCOTT	
var.nov.	IV, 389
Euastrum pirassunungae BORGE	
var. exsertum FÖRSTER var.n.	
.....	XXIII, 363
Euastrum platycerum var. acutilobum KRIEG. f. dentiferum	
SCOTT & PRESCOTT f.n.	IV, 391
Euastrum platycerum REINSCH	
var. decoratum WOODHEAD &	
TWEED var.n.	XII, 185
Euastrum platycerum REINSCH	
var. Groenbladii (GRÖNBL.) f.	
goyazense FÖRSTER f.n. XXIII,	364
Euastrum pratense WOODHEAD &	
TWEED spec.n.	XII, 185
Euastrum prowsei SCOTT & PRESCOTT spec.n. (= E. horikawae HINODE)	XVII, 34
Euastrum pseudoanceps FÖRSTER spec.n.	XXIII, 365
Euastrum pseudoanceps var. gracile FÖRSTER var.n. ...	XXIII, 365
Euastrum pseudodubium FÖRSTER & ECKERT var. bigranulatum	
FÖRSTER var.n.	XXIII, 366
Euastrum pseudosinuosum FÖRSTER spec.n.	XXIII, 366
Euastrum pseudosinuosum var.	
scrobiculatum FÖRSTER var.n.	XXIII, 367
Euastrum pulcherrimum WEST & WEST var. menggalense SCOTT & PRESCOTT var.n.	XVII, 36
Euastrum quadrifolium FÖRSTER spec.n.	XXIII, 367
Euastrum quadrioculatum WEST & WEST var. curtum SCOTT & PRESCOTT var.n.	XVII, 36
Euastrum rectangulare FRITSCH & RICH. var. sumatranum SCOTT & PRESCOTT var.n.	XVII, 36
Euastrum rostratum RALFS var.	
bioculatum SCOTT & PRESCOTT var.n.	XVII, 37
Euastrum rotundatum FÖRSTER spec.n.	XXIII, 368
Euastrum sachlanii SCOTT & PRESCOTT spec.n.	XVII, 38
Euastrum securiformiceps BORGE	
var. goyazense FÖRSTER var.n.	XXIII, 368
Euastrum sexspinatum IRÉNÉE-MARIE & HILLIARD spec.n.	
.....	XI, 107
Euastrum sinuosum [LENORM, 1845] ARCHER var. africanum WOODHEAD & TWEED var.n.	
.....	XII, 185
Euastrum sinuosum LENORM. var.	
capitatum SCOTT & PRESCOTT var.n.	XVII, 39
Euastrum sphyroides NORDST. f.	
granulatum SCOTT & PRESCOTT f.n.	IV, 391
Euastrum spinulosum DELP. var.	
bellum SCOTT & PRESCOTT var. n.	XVII, 40
Euastrum spinulosum DELP. var.	
vaasii SCOTT & PRESCOTT var.n.	XVII, 41
Euastrum subcyclopicum FÖRSTER spec.n.	XXIII, 369
Euastrum sublobatum BRÉB. var.	
incrassatum SCOTT & PRESCOTT var.n.	XVII, 41
Euastrum sublobatum BRÉB. var.	
sumatranum SCOTT & PRESCOTT var.n.	XVII, 41
Euastrum subprojectum SCOTT & PRESCOTT spec.n.	XVII, 42
Euastrum subrostratum WEST & WEST var.	
reductum SCOTT & PRESCOTT var.n.	XVII, 43
Euastrum subtile BORGE var. goyazense FÖRSTER var.n.	XXIII, 370
Euastrum subtile BORGE var.	
simplex FÖRSTER var.n.	XXIII, 370
Euastrum subtrilobulatum FÖRSTER & ECKERT var. gibbosum	
FÖRSTER var.n.	XXIII, 370
Euastrum subtrilobulatum FÖRSTER & ECKERT var. laeve FÖRSTER var.n.	XXIII, 370
Euastrum tonkoliliense WOODHEAD & TWEED spec.n.	XII, 186
Euastrum Turneri WEST & WEST f. poriferum SCOTT & PRESCOTT f.n.	IV, 392
Euastrum Turneri var. stictum (BOERGES.) SCOTT & PRESCOTT comb.n. (Syn.: E. denticulatum var. stictum BOERGES.) ...	IV, 392
Euastrum umbonatum var. ceylanicum KRIEG. f. brasiliense FÖRSTER f.n.	XXIII, 371
Euastrum ventricosum LUND var.	
sopchoppiniense SCOTT & PRES-	

COTT var.n. IV, 393
Euastrum verrucosum var. *alatum*
 WOLLE f. *extensum* SCOTT &
 PRESCOTT f.n. IV, 394
Euastrum verrucosum var. *ornatum* WOODHEAD & TWEED var.
 n. XV, 324
Euastrum vinnulum SCOTT &
 PRESCOTT spec.n.
 XVII, 44
Gymnozyga moniliformis EHR. f.
minor IRÉNÉE-MARIE f.n. XIII, 368
Ichthyocercus sierra-leonensis
 WOODHEAD & TWEED spec.n.
 XII, 184
Micrasterias americanum (EHR.)
 RALFS var. *hybrida* WOODHEAD
 & TWEED var. n. XII, 186
Micrasterias anomala TURN. var.
kalimantatum SCOTT & PRES-
 COTT var.n. XVII, 45
Micrasterias anomala TURN. var.
reducta SCOTT & PRESCOTT var.
 n. XVII, 46
Micrasterias anomala TURN. var.
sumatrana SCOTT & PRESCOTT
 var.n. XVII, 46
Micrasterias apiculata RALFS f.
angustior WOODHEAD & TWEED
 f.n. XII, 187
Micrasterias apiculata (EHR.)
 MEN. var. *brachyptera* (LUND.)
 W. and G. S. WEST f. *rectangu-
 laris* IRÉNÉE-MARIE & HILLIARD
 f.n. XXI, 109
Micrasterias apiculata (EHRBG.)
 MENEGH. var. *lacerata* TURN. f.
elaborata SCOTT & PRESCOTT f.n.
 XVII, 47
Micrasterias apiculata (EHREN-
 BERG) MENEGHINI var. *Evensi*
 VAN OYE nov.var. I, 297
Micrasterias apiculata (EHR.)
 MEN. var. *simplex* IRÉNÉE-MA-
 RIE var.n. IV, 142
Micrasterias arcuata BAIL. var.
cornuta FÖRSTER var.n. XXIII, 372
Micrasterias arcuata BAIL. var.
minuta FÖRSTER var.n. XXIII, 373
Micrasterias arcuata BAIL. var.
perforata FÖRSTER var.n.
 XXIII, 373
Micrasterias arcuata BAIL. var.
perforata f. *magniperforata* FÖR-
 STER f.n. XXIII, 373
Micrasterias arcuata BAIL. var.
perforata f. *robustior* FÖRSTER
 f.n. XXIII, 373
Micrasterias arcuata var. *robusta*
 BORGE f. *goyazensis* FÖRSTER
 f.n. XXIII, 374
Micrasterias arcuata BAIL var.
subcornuta FÖRSTER var.n.
 XXIII, 375
Micrasterias arcuata var. *subpin-
 natifida* WEST & WEST f. ECKER-
 TII FÖRSTER f.n. XXIII, 375
Micrasterias arcuata var. *subpin-
 natifida* WEST & WEST f. *gracilis*
 FÖRSTER f.n. XXIII, 376
Micrasterias depauperata var.
 WOLLE CUSH. f. *apiculata* IRÉ-
 NÉE-MARIE f.n. IV, 146
Micrasterias foliacea BAIL. var.
quadrinflata SCOTT & PRESCOTT
 var.n. XVII, 48
Micrasterias Jenneri var. *lata*
 WOODHEAD & TWEED var.n.
 XV, 327
Micrasterias kangofurinensis
 WOODHEAD & TWEED spec.n.
 XII, 187
Micrasterias lux JOSH. var. *brevi-
 bracciata* BEHRE f. *spinosa*
 SCOTT & PRESCOTT f.n. XVII, 49
Micrasterias lux JOSH. var. *sach-
 lani* SCOTT & PRESCOTT var.n.
 XVII, 49
Micrasterias mahabuleshwarensis
 HOBS. var. *chauliodon* SCOTT
 PRESCOTT var.n. XVII, 50
Micrasterias muricata (BAILEY)
 RALFS var. *laevigata* IRÉNÉE-
 MARIE var.n. IV, 148
Micrasterias quadridentata
 (NORDST.) GRÖNBL. f. *indone-
 siensis* SCOTT & PRESCOTT f.n.
 XVII, 51
Micrasterias radiata HASS. var.
bilobata FÖRSTER var.n. XXIII, 381
Micrasterias radiosa RALFS (non
 LYNG. AGARDH) var. *Taylorii*
 IRÉNÉE-MARIE nom.n. XIII, 332
Micrasterias radiosa RALFS (non
 LYNG. AG.) var. *Taylorii* IRÉ-
 NÉE-MARIE var.n. IV, 154
Micrasterias Schweinfurthii var.
ornata BORGE f. ECKERII (FÖR-
 STER f.n. XXIII, 382
Micrasterias sublagoensis FÖRSTER
 spec.n. XXIII, 382
Micrasterias tetraptera WEST &
 WEST var. *angulosa* IRÉNÉE-MA-
 RIE var.n. IV, 158
Micrasterias tetraptera var. *angu-
 losa* IR.-MAR. f. *avaloensis*

WOODHEAD & TWEED f.n. XV, 327
Micrasterias Torreyi BAILEY var.
 Crameri (BERN.) KRIEG. f. minor IRÉNÉE-MARIE f.n. XIII, 334
Micrasterias torreyi BAIL. var.
 Sachlanii SCOTT & PRESCOTT var.n. XVII, 52
Micrasterias tropica NORDST. var.
 polonica EICHL. & GUTW. f. evoluta SCOTT & PRESCOTT f.n. XVII, 53
Micrasterias tropica NORDST. var.
 subambadiensis FÖRSTER var.n. XIII, 383
Micrasterias truncata (CORDA)
 BRÉB. var. rectangularis IRÉNÉE-MARIE var.n. IX, 86
Micrasterias truncata (CORDA)
 BRÉB. var. tridentata BENN. 1890
 f. marandae WOODHEAD & TWEED f.n. XII, 188
Micrasterias zeylanica FRITSCH var. rectangularis SCOTT & PRESCOTT var.n. XVII, 53
Netrium digitus f. ellipticum WOODHEAD & TWEED f.n. XV, 323
Onychonema laeve NORDST. var. constrictum SCOTT & PRESCOTT var.n. XVII, 121
Onychonema NORDST. var. sumatranum SCOTT & PRESCOTT var. n. XVII, 121
Penium margaritaceum (EHR.) BRÉB. f. major IRÉNÉE-MARIE f.n. IV, 31
Penium phymatosporum NORDST. var. crassulum CHOLNOKY n. var. VII, 205
Phymatodocis irregulare SCHMIDLE f. sonfonense WOODHEAD & TWEED f.n. XII, 194
Phymatodocis simplex FÖRSTER spec.n. XXIII, 437
Pleurotaenium burmense (JOSH.) KRIEG. var. longissimum SCOTT & PRESCOTT var.n. XVII, 14
Pleurotaenium congolense VAN OYE nov.sp. I, 289
Pleurotaenium coronatum (BRÉB.) RABENH. var. complanatum IRÉNÉE-MARIE var.n. IV, 20
Pleurotaenium coronatum var. nodulosum (DE BRÉB.) W. WEST f. constricto-undulatum FÖRSTER f.n. XXIII, 342
Pleurotaenium coronatum var. robustum W. WEST f. erectum WOODHEAD & TWEED f.n. XV, 323
Pleurotaenium coronatum (DE BRÉB.) RABENH. var. Luetzelburgii FÖRSTER var.n. XXIII, 342
Pleurotaenium Ehrenbergii (BRÉB.) DE BARY f. recta IRÉNÉE-MARIE f.n. XIII, 359
Pleurotaenium eugeneum (TURN.) WEST & WEST f. constrictum SCOTT & PRESCOTT f.n. XVII, 16
Pleurotaenium eugeneum var. simplicius WOODHEAD & TWEED var.n. XV, 324
Pleurotaenium gloriosum (TURN.) W. & G. S. WEST f. sonfonense WOODHEAD & TWEED f.n. XII, 183
Pleurotaenium simplicissimum GRÖNBL. var. sumatranum SCOTT & PRESCOTT var.n. XVII, 17
Pleurotaenium trabecula (EHR.) NÄG. var. latior WOODHEAD & TWEED var.n. XII, 183
Pleurotaenium trabecula (EHRBG.) NÄG. var. maximum (REINSCH) ROLL f. constrictum SCOTT & PRESCOTT f.n. XVII, 18
Pleurotaenium trabecula f. palum WOODHEAD & TWEED f.n. XV, 324
Pleurotaenium tridentulum (WOLLE) W. WEST var. gracile FÖRSTER var.n. XXIII, 345
Pleurotaenium Trochiscum WEST & WEST var. tuberculatum G. M. SMITH f. villosum IRÉNÉE-MARIE f.n. IV, 24
Pleurotaenium undatum SCOTT & PRESCOTT spec.n. XVII, 19
Pleurotaenium verrucosum (BAIL.) LUND var. constrictum IRÉNÉE-MARIE var.n. XIII, 363
Spinocosmarius quadridens (WOOD) PRES. & SCOTT var. inerme IRÉNÉE-MARIE & HILLIARD var.n. XXI, 112
Spondylosium clepsydra BECK-MANAGETTA f. latior MESSIKOMMER f.n. VI, 34
Spondylosium pulchellum ARCHER var. constrictum FÖRSTER var.n. XXIII, 433
Spondylosium pulchrum (BAILEY) ARCH. var. effringum IRÉNÉE-MARIE var.n. IV, 39
Spondylosium rectangulare (WOLLE) WEST & WEST var. goyazense FÖRSTER var.n. XXIII, 434
Staurastrum acestrophorum WEST & WEST var. glabrius R. GRÖNBL. f. quadrata IRÉNÉE-MARIE f.n.

Staurastrum africanum WOOD- HEAD & TWEED spec.n.	XII, 192
Staurastrum alternans BRÉB. var. spinulosum IRÉNÉE-MARIE & HILLIARD var.n.	XXI, 113
Staurastrum anisacanthum SCOTT & PRESCOTT spec.n.	XVII, 85
Staurastrum anatinoides SCOTT & PRESCOTT var. javanicum SCOTT & PRESCOTT f.n.	XVII, 86
Staurastrum aphis IRÉNÉE-MARIE n.spec.	IV, 55
Staurastrum arachnae RALFS f. mi- nor IRÉNÉE-MARIE f.n.	IX, 150
Staurastrum arachne RALFS var. sumatranum SCOTT & PRESCOTT var.n.	XVII, 86
Staurastrum aristiferum RALFS var. Prescottii IRÉNÉE-MARIE var.n.	IV, 57
Staurastrum avaloense WOODHEAD & TWEED spec.n.	XV, 328
Staurastrum Avicula BRÉB. var. subarcuatum (WOLLE) W. WEST f. quadrata IRÉNÉE-MARIE f.n.	XIII, 373
Staurastrum basituberculatum FÖRSTER spec.n.	XXIII, 414
Staurastrum bifurcatum FÖRSTER spec.n.	XXIII, 414
Staurastrum bituberculatum FÖR- STER spec.n.	XXIII, 415
Staurastrum brevispinum obver- sum f. minor IRÉNÉE-MARIE f.n.	XIII, 373
Staurastrum calyxoides WOLLE var. incurvum IRÉNÉE-MARIE var.n.	IV, 61
Staurastrum calyxoides WOLLE var. orientale SCOTT & PRE- SCOTT var.n.	XVII, 87
Staurastrum capitulum DE BRÉB. var. magnum FÖRSTER var.n.	XXIII, 416
Staurastrum Coderii IRÉNÉE-MA- RIE n.spec.	IV, 64
Staurastrum columbetoides WEST & WEST var. basiaculeatum SCOTT & PRESCOTT var.n. XVII, 87	
Staurastrum corniculatum LUND. var. subspinigerum FÖRSTER var.n.	XXIII, 416
Staurastrum cornutum ARCH. f. biradiatum, IRÉNÉE-MARIE f.n.	IX, 160
Staurastrum coronulatum WOLLE var. quebecense IRÉNÉE-MARIE var.n.	
var.n.	IV, 65
Staurastrum cosmaroides NORDST. f. maximum FÖRSTER f.n.	XXIII, 417
Staurastrum cosmaroides NDT. var. minor IRÉNÉE-MARIE var.n.	IX, 160
Staurastrum cuspidatum var. alas- kense IRÉNÉE-MARIE & HIL- LIARD var.n.	XXI, 114
Staurastrum cuspidatum BRÉB. var. Delpontei IRÉNÉE-MARIE sub nov. nom	IV, 66
Staurastrum cuspidatum BRÉB. var. divergens NORDST. f. minus SCOTT & PRESCOTT f.n. XVII, 89	
Staurastrum cyclanthum WEST & WEST var. armigerum SCOTT & PRESCOTT var.n.	XVII, 89
Staurastrum dejectum DE BRÉB. f. falcatum FÖRSTER f.n.	XXIII, 417
Staurastrum Dickie RALFS var. alaskense IRÉNÉE-MARIE & HIL- LIARD var.n.	XXI, 115
Staurastrum Dickie RALFS var. circulare f. inerme IRÉNÉE-MA- RIE & HILLIARD f.n.	XXI, 115
Staurastrum Dickie var. crassi- cornutum FÖRSTER var.n.	XXIII, 418
Staurastrum Dickie var. maxi- mum W. WEST f. brevicornu- tum FÖRSTER f.n.	XXIII, 418
Staurastrum echinatum BRÉB. var. sicaferum IRÉNÉE-MARIE var.n.	IV, 69
Staurastrum Eckertii FÖRSTER spec.n.	XXIII, 419
Staurastrum Eckertii var. con- vexum FÖRSTER var.n. XXIII, 419	
Staurastrum elongatum BARKER f. tetragona (WOLLE) IRÉNÉE-MA- RIE comb.n.	IV, 69
Staurastrum emaciatum SCOTT & PRESCOTT spec.n.	XVII, 90
Staurastrum euprepes SCOTT & PRESCOTT spec.n.	XVII, 90
Staurastrum exorrectum SCOTT & PRESCOTT spec.n.	XVII, 91
Staurastrum furcatum (EHRBG.) BRÉB. var. aristeron SCOTT & PRESCOTT var.n.	XVII, 92
Staurastrum furcatum (EHR.) BRÉB. f. elliptica IRÉNÉE-MARIE f.n.	IV, 71
Staurastrum furcatum (EHR.) BRÉB. var. spinatum IRÉNÉE- MARIE var.n.	IV, 71

<i>Staurastrum furcatum</i> (EHRBG.) DE BRÉB. var. <i>trifurcatum</i> FÖR- STER var.n.	XXIII, 419
<i>Staurastrum geminispinum</i> FÖR- STER spec.n.	XXIII, 420
<i>Staurastrum gerinkae</i> WOODHEAD & TWEED spec.n.	XII, 193
<i>Staurastrum Ginzbergii</i> GRÖN- BLAD f. <i>undulatum</i> FÖRSTER f.n.	XXIII, 420
<i>Staurastrum gnampton</i> SCOTT & PRESCHOTT spec.n.	XVII, 93
<i>Staurastrum gracile</i> RALFS f. <i>krie- geri</i> SCOTT & PRESCHOTT f.n.	XVII, 94
<i>Staurastrum grallatorium</i> NDT. var. <i>forcipigerum</i> LAGERH. f. <i>longispinum</i> IRÉNÉE-MARIE f.n.	IV, 74
<i>Staurastrum grande</i> BULN. var. <i>rotundatum</i> WEST & WEST f. <i>major</i> IRÉNÉE-MARIE f.n.	IV, 74
<i>Staurastrum granulosum</i> f. <i>minu- tissimum</i> WOODHEAD & TWEED f.n.	XV, 328
<i>Staurastrum gutwinskii</i> BERN. var. <i>brevispinum</i> SCOTT & PRESCHOTT var.n.	XVII, 94
<i>Staurastrum gutwinskii</i> BERN. var. <i>evolutum</i> SCOTT & PRESCHOTT var.n.	XVII, 94
<i>Staurastrum gyratum</i> WEST & WEST var. <i>dextrum</i> SCOTT & PRESCHOTT var.n.	XVII, 94
<i>Staurastrum heimerianum</i> LÜT- KEM. var. <i>sumatranum</i> SCOTT & PRESCHOTT var.n.	XVII, 95
<i>Staurastrum horametrum</i> ROY & BISS. var. <i>orientale</i> SCOTT & PRESCHOTT var.n.	XVII, 95
<i>Staurastrum hypacanthum</i> SCOTT & PRESCHOTT spec.n.	XVII, 96
<i>Staurastrum hystrix</i> var. <i>brasi- liense</i> GRÖNBL. f. <i>goyazense</i> FÖRSTER f.n.	XXIII, 421
<i>Staurastrum indentatum</i> WEST & WEST f. <i>minus</i> SCOTT & PRES- COTT f.n.	XVII, 96
<i>Staurastrum Johnsonii</i> W. & G. S. WEST var. <i>granulatum</i> IRÉ- NÉE-MARIE var.n.	IX, 175
<i>Staurastrum Junkianum</i> IRÉNÉE- MARIE spec.n.	IX, 176
<i>Staurastrum Labarrii</i> IRÉNÉE-MA- RIE n.spec.	IV, 77
<i>Staurastrum labiatum</i> BORGE qua- drangulare FÖRSTER var.n.	XXIII, 422
<i>Staurastrum longissimum</i> BORGE var. <i>macrosporosum</i> FÖRSTER var.n.	XXIII, 423
<i>Staurastrum mattawinii</i> IRÉNÉE- MARIE spec.n.	XIII, 377
<i>Staurastrum megacanthum</i> LUND. var. <i>kalimantatum</i> SCOTT & PRESCHOTT var.n.	XVII, 97
<i>Staurastrum megacanthum</i> LUND. var. <i>orientale</i> SCOTT & PRESCHOTT var.n.	XVII, 98
<i>Staurastrum megacanthum</i> LUND. var. <i>orientale</i> SCOTT & PRES- COTT f. <i>biradiatum</i> SCOTT & PRESCHOTT f.n.	XVII, 98
<i>Staurastrum menggalense</i> SCOTT & PRESCHOTT spec.n.	XVII, 98
<i>Staurastrum multispiniceps</i> SCOTT & PRESCHOTT spec.n.	XVII, 99
<i>Staurastrum novae-terrae</i> TAYLOR var. <i>Taylorii</i> IRÉNÉE-MARIE var. n.	IV, 83
<i>Staurastrum novae-terrae</i> TAYL. var. <i>Taylorii</i> IRÉNÉE-MARIE <i>evoluta</i> IRÉNÉE-MARIE f.n. IV,	84
<i>Staurastrum octoverrucosum</i> SCOTT & GRÖNBL. var. <i>brasi- liense</i> FÖRSTER var.n.	XXIII, 423
<i>Staurastrum O'Mearii</i> ARCH. var. St. JOHANNENSIS IRÉNÉE-MARIE var.n.	IV, 84
<i>Staurastrum ophiura</i> var. <i>nanum</i> WOODHEAD & TWEED var.n. XV,	329
<i>Staurastrum orbiculare</i> NORDST. var. <i>crassiusculum</i> FÖRSTER var.n.	XXIII, 423
<i>Staurastrum orbiculare</i> var. <i>cras- siusculum</i> f. <i>porosum</i> FÖRSTER f.n.	XXIII, 424
<i>Staurastrum orbiculare</i> var. <i>Ralf- sii</i> WEST & WEST f. <i>maiis</i> FÖR- STER f.n.	XXIII, 424
<i>Staurastrum ornithopodium</i> var. <i>trigonum</i> WOODHEAD & TWEED var.n.	XV, 329
<i>Staurastrum paradoxum</i> var. <i>zo- natum</i> WOODHEAD & TWEED var.n.	XV, 329
<i>Staurastrum pentacerum</i> (WOLLE) G. M. SMITH var. <i>hexacerum</i> IRÉNÉE-MARIE var.nov.	IX, 187
<i>Staurastrum peristephes</i> SCOTT & PRESCHOTT spec.n.	XVII, 100
<i>Staurastrum perundulatum</i> GRÖNBL. var. <i>dentatum</i> SCOTT & PRESCHOTT var.n.	XVII, 101
<i>Staurastrum pinnatum</i> TURN. var. <i>hydra</i> KRIEG. f. <i>supernumer- a</i>	

rium SCOTT & PRESCOTT f.n. XVII, 101
Staurastrum playfairi SCOTT & PRESCOTT nom.n. XVII, 101
Staurastrum prainii WEST & WEST f. rotundatum SCOTT & PRESCOTT f.n. XVII, 102
Staurastrum prionotum SCOTT & PRESCOTT spec.n. XVII, 102
Staurastrum prionotum SCOTT & PRESCOTT f. triradiatum SCOTT & PRESCOTT f.n. XVII, 103
Staurastrum protectum WEST & WEST var. *rangoonense* (SKUJA) SCOTT & PRESCOTT comb.n. XVII, 103
Staurastrum pseudopteropsorum FÖRSTER spec.n. XXIII, 425
Staurastrum pseudotessulare FÖRSTER spec.n. XXIII, 425
Staurastrum pseudozonatum BORGE var. *minutus* SCOTT & PRESCOTT var.n. XVII, 104
Staurastrum pseudozonatum Borge var. *minutum* SCOTT & PRESCOTT f. *rectum* FÖRSTER f.n. XXIII, 426
Staurastrum quadricornutum var. *heterospinum* WOODHEAD & TWEED var.n. XV, 330
Staurastrum quebecense IRÉNÉE-MARIE f. *biradiata* IRÉNÉE-MARIE f.n. IX, 191
Staurastrum raphidacanthum SCOTT & PRESCOTT spec.n. XVII, 104
Staurastrum rhynchoceps KRIEG. var. *curvatum* SCOTT & PRESCOTT var.n. XVII, 105
Staurastrum rosei PLAYF. var. *stemmatum* SCOTT & PRESCOTT var.n. XVII, 105
Staurastrum Scottii GRÖNBL. var. *goyazense* FÖRSTER var.n. XXIII, 427
Staurastrum sebaldi REINSCH var. *ventrivrucosum* SCOTT & PRESCOTT var.n. XVII, 106
Staurastrum senarium (EHRENB.) RALFS var. *pumilum* MESSIKOMMER var.n. VI, 34
Staurastrum setigerum CLEVE var. *alaskense* IRÉNÉE-MARIE & HILLIARD var.n. XXI, 118
Staurastrum sexangulare LUND. var. *bidentatum* GUTW. f. *crassum* SCOTT & PRESCOTT f.n. XVII, 107
Staurastrum sexangulare var. *bidentatum* GUTW. f. *glabrum* FÖRSTER f.n. XXIII, 428
Staurastrum sonfonense WOODHEAD & TWEED spec.n. XII, 193
Staurastrum spiniceps KRIEG. var. *trifidum* SCOTT & PRESCOTT var. n. XVII, 108
Staurastrum spiniferum WEST var. *quadratum* IRÉNÉE-MARIE var. n. IV, 93
Staurastrum spinipendens SCOTT & PRESCOTT spec.n. XVII, 108
Staurastrum stauroton SCOTT & PRESCOTT spec.n. XVII, 109
Staurastrum subcornutum DE TONI var. *quebecense* IRÉNÉE-MARIE var.n. XI, 196
Staurastrum subcruciatum var. *Wrightianum* WOODHEAD & TWEED var.n. XV, 330
Staurastrum subindentatum var. *brasiliense* BORGE f. *sexspinulosum* FÖRSTER f.n. XXIII, 428
Staurastrum subnudibrachiatum W. & G. S. WEST var. *latispinum* IRÉNÉE-MARIE var.n. IX, 198
Staurastrum subsuecicum SCOTT & PRESCOTT spec.n. XVII, 110
Staurastrum subunguiferum FRITSCH & RICH. var. *goyazense* FÖRSTER var.n. XXIII, 429
Staurastrum subunguiferum FRITSCH & RICH. var. *mammosum* FÖRSTER var.n. XXIII, 429
Staurastrum tarantulum SCOTT & PRESCOTT spec.n. XVII, 111
Staurastrum teliferum var. *Groenbladii* (GROENBLAD) FÖRSTER nom.n. (= var. *lagoense* WILLE bei GRÖNBLAD (1945)) XXIII, 429
Staurastrum tetracerum RALFS var. *evolutum* W. & G. S. WEST f. *minor* IRÉNÉE-MARIE f.nov. IX, 200
Staurastrum thiinemannii KRIEG. var. *calvum* SCOTT & PRESCOTT var.n. XVII, 113
Staurastrum thiinemannii KRIEG. f. *triradiatum* SCOTT & PRESCOTT f.n. XVII, 113
Staurastrum tohopekaligense WOLLE f. *acuminatum* SCOTT & PRESCOTT f.n. XVII, 113
Staurastrum tohopekaligense WOLLE f. *minus* (Turn.) SCOTT & PRESCOTT comb.n. XVII, 114
Staurastrum tohopekaligense

WOLLE var. robustum SCOTT & PRESCOTT var.n.	XVII, 114
Staurastrum tripyrenoideum SCOTT & PRESCOTT spec.n.	XVII, 114
Staurastrum trissacanthum SCOTT & PRESCOTT spec.n.	XVII, 115
Staurastrum trissacanthum SCOTT & PRESCOTT f. brachyacanthum SCOTT & PRESCOTT f.n.	XVII, 116
Staurastrum trissacanthum SCOTT & PRESCOTT var. dissacanthum SCOTT & PRESCOTT var.n.	XVII, 116
Staurastrum trissacanthum SCOTT & Prescott var. dissacanthum SCOTT & PRESCOTT f. brevispinum SCOTT & PRESCOTT f.n.	XVII, 116
Staurastrum turgescens DE NOTARIS var. canadensis IRÉNÉE-MARIE var.nov.	IX, 203
Staurastrum turgescens f. major WOODHEAD & TWEED f.n.	XV, 330
Staurastrum unicorne TURN. var. ecorne (TURN.) WEST & WEST f. retusum SCOTT & PRESCOTT f.n.	XVII, 116
Staurastrum unicorne TURNER var. goyazense FÖRSTER var.n.	XXIII, 430
Staurastrum vaasii SCOTT & PRESCOTT spec.n.	XVII, 117
Staurastrum vaasii SCOTT & PRESCOTT var. nudum SCOTT & PRESCOTT var.n.	XVII, 118
Staurastrum vestitum RALFS var. gymnocephalum SCOTT & PRESCOTT var.n.	XVII, 118
Staurastrum Whiteanum WOODHEAD & TWEED spec.n.	XV, 330
Staurastrum Wildemanii var. maius (WEST & WEST) SCOTT & PRESCOTT f. pygmaeum FÖRSTER f.n.	XXIII, 431
Staurastrum Wolleanum BRÉB. var. heptacanthum IRÉNÉE-MARIE var.nov.	IX, 204
Staurastrum Zahlbrückneri LÜTKEKEM. var. goyazense FÖRSTER var.n.	XXIII, 431
Staurastrum zonatum BÖRGES var. majus SCOTT & PRESCOTT var.n.	XVII, 119
Tetmemorus laevis (KÜTZ.) RALFS f. brunneus FÖRSTER f.n.	XXIII, 347
Triploceras gracile BAILEY var. africana WOODHEAD & TWEED var.n.	XII, 183
Triploceras gracile BAIL. f. curvatum SCOTT & PRESCOTT f.n.	XVII, 20
Triploceras gracile var. torrida WOODHEAD & TWEED var.n.	XII, 184
Xanthidium antilopaeum (BRÉB.) KÜTZ. var. laeve SCHM. f. minus SCOTT & PRESCOTT f.n.	XVII, 80
Xanthidium antilopaeum (BRÉB.) KÜTZ. var. laeve SCHM. f. longispinum SCOTT & PRESCOTT f.n.	XVII, 79
Xanthidium armatum (BRÉB.) RABENH. f. inerme IRÉNÉE-MARIE f.n.	IV, 181
Xanthidium cristatum BRÉB. var. hipparquii IRÉNÉE-MARIE f. depauperata IRÉNÉE-MARIE f.n.	IV, 183
Xanthidium cristatum BRÉB. var. Hipparquii IRÉNÉE-MARIE f.n.	XIII, 338
Xanthidium controversum W. & G. S. WEST var. angulosum IRÉNÉE-MARIE var. nov.	IV, 182
Xanthidium Eckertii FÖRSTER spec.n.	XXIII, 410
Xanthidium Formae var. callosum f. major IRÉNÉE-MARIE f.n.	XIII, 336
Xanthidium Formae var. quebecense f. angustata IRÉNÉE-MARIE f.n.	XIII, 337
Xanthidium horridum SKUJA var. decoratum SCOTT & PRESCOTT var.n.	XVII, 81
Xanthidium kalimantatum SCOTT & PRESCOTT spec.n.	XVII, 82
Xanthidium lepidum WEST & WEST var. reversum SCOTT & PRESCOTT var.n.	XVII, 82
Xanthidium mammilosum (GRÖNBL.) var. Borgei FÖRSTER nom.n. (= X. antilopaeum (DE BRÉB.) KÜTZ. f. BORGE (1925))	XXIII, 411
Xanthidium multituberculatum FÖRSTER spec.n.	XXIII, 411
Xanthidium perissacanthum SCOTT & PRESCOTT spec.n.	XVII, 83.
Xanthidium perissacanthum SCOTT & PRESCOTT var. minus SCOTT & PRESCOTT var.n.	XVII, 83
Xanthidium pseudoraciborskii WOODHEAD & TWEED spec.n.	XII, 191

Xanthidium sonfonense WOOD-
HEAD & TWEED spec.n. XII, 192
Xanthidium subaculeatum FÖR-
STER spec.n. XXIII, 413

DIATOMEAE

Achnanthes africana WOODHEAD
& TWEED spec.n. XII, 196
Achnanthes coarctata var. *sinaensis* HUSTEDT n.var. II, 43
Achnanthes distincta MESSIKOM-
MER spec.n. VI, 32
Achnanthes Grimmei KRASSKE
var. *hyalina* HUSTEDT n.var. II, 43
Achnanthes linkei HUSTEDT f. mi-
nor SALAH f.n. VII, 93
Achnanthes maranda WOODHEAD
& TWEED spec.n. XII, 197
Achnanthes pseudobiasolletiana
GANDHI spec.n. XVII, 221
Achnanthes terrae-novae WOOD-
HEAD & TWEED spec.n. XV, 335
Achnanthes Wrightiana WOOD-
HEAD & TWEED spec.n. XV, 336
Amphiprora corrugata GIFFEN
spec.n. XXI, 213
Amphiprora paralia GIFFEN
spec.n. XXI, 215
Amphiprora perplexa GIFFEN
spec.n. XXI, 215
Amphora castellata GIFFEN
spec.n. XXI, 216
Amphora cingulata CL. var. *hyalina*
SALAH var. n. VII, 100
Amphora Ehrenbergii WOODHEAD
& TWEED nom.n. XV, 359
Amphora extensa SALAH
n.spec. VII, 100
Amphora gamtoosae GIFFEN
spec.n. XXI, 218
Amphora ignota CHOLNOKY
spec.n. XVI, 234
Amphora obtusaformis CHOLNO-
KY spec.n. XVII, 292
Amphora ramsbottomi SALAH
n.spec. VII, 99
Amphora sabyii SALAH
n.spec. VII, 99
Amphora strigosa HUSTEDT
n.spec. II, 44
Amphora tenerascens CHOLNOKY
spec.n. XVII, 293
Amphora tropidoneioides SALAH
n.spec. VII, 100
Amphora turgida GREGORY var.
wisei SALAH n.spec. VII, 101
Anaulus uniseptatus SALAH
n.spec. VII, 90
Anomoeoneis canadensis WOOD-
HEAD & TWEED spec.n. XV, 339
Anomoeoneis lanceolata GANDHI
spec.n. XIV, 134
Auricula Cholnokyi GIFFEN
spec.n. XXI, 220
Caloneis beccariana var. *hustedtii*
GANDHI var.n. XVII, 224
Caloneis Clevei (LAGERSTEDT)
CLEVE var. *tugela* CHOLNOKY
comb.n. XX, 317
Caloneis desertorum HUSTEDT
n.spec. II, 45
Caloneis pseudoholstii WOOD-
HEAD & TWEED spec.n. XV, 339
Campylosira alexandrica SALAH
n.spec. VII, 92
Cocconeis testudo GIFFEN
spec.n. XXI, 225
Cyclotella ceylonica HOLSINGER
spec.n. VII, 20
Cyclotella praetermissa LUND
n.spec. III, 93
Cymatosira elliptica SALAH
n.spec. VII, 92
Cymbella calida WOODHEAD &
TWEED spec.n. XII, 200
Cymbella ehrenbergii KÜTZ. var.
elongata MEISTER f. *orientalis*
THOMAS & GONZALVES *forma*
nova XXV, 344
Cymbella ehrenbergii KÜTZ. f.
thermalis THOMAS & GONZAL-
VES f.n. XXV, 343
Cymbella hybrida GRUN. var.
sierraleonensis WOODHEAD &
TWEED var.n. XII, 201
Cymbella Kolbei HUSTEDT
n.spec. II, 46
Cymbella Mesiana CHOLNOKY
n.spec. VII, 160
Cymbella microcephala f. *inter-
media* WOODHEAD & TWEED f.n.
.... XV, 342
Cymbella monticola HUSTEDT
n.spec. II, 46
Cymbella Oliffi var. *minor* CHOL-
NOKY var.n. XIX, 69
Cymbella pretoriensis CHOLNOKY
n.spec. VII, 161
Cymbella pretoriensis f. *subcapitata*
CHOLNOKY f.n. VII, 161
Cymbella raytonensis CHOLNOKY
n.spec. VII, 162
Cymbella pseudocuspidata GAN-
DHI spec.n. XIV, 117
Cymbella transvaalensis CHOLNO-

KY n.spec. VII, 163
Cymbella transvaalensis var.
 maior CHOLNOKY n.var. . VII, 163
Cymbella ventricosa var. lunata
 WOODHEAD & TWEED comb.n.
 XV, 359
Cymbella ventricosa Ag. f. minus
 (sensu A. MAYER) WOODHEAD
 & TWEED comb.n. XII, 201
Cymbellonitzschia hossamedinii
 SALAH n.spec. VII, 101
Diatoma hiemale var. Mayeri
 WOODHEAD & TWEED nom.n.
 XV, 350
Diploneis oblongella var. pumila
 WOODHEAD & TWEED comb.n.
 XV, 357
Diploneis oblongella var. rhombica
 WOODHEAD & TWEED comb.
 n. XV, 357
Diploneis pearsalli SALAH
 n.spec. VII, 94
Eunotia alpina (NAEG.) HUST. var.
 africana CHOLNOKY n.var. VII, 164
Eunotia arcadia WOODHEAD &
 TWEED spec.n. XV, 331
Eunotia bactriana var. minor
 WOODHEAD & TWEED var.n.
 XV, 331
Eunotia chigara WOODHEAD &
 TWEED spec.n. XII, 195
Eunotia curvata var. campyla
 WOODHEAD & TWEED comb.n.
 XV, 351
Eunotia curvata var. maxima
 WOODHEAD & TWEED var.n.
 XV, 351
Eunotia diadema var. tetraodon f.
 minuta WOODHEAD & TWEED
 nom.n. XV, 351
Eunotia faba f. recta WOODHEAD
 & TWEED f.n. XV, 333
Eunotia hebridica Å. BERG. var.
 bergii GANDHI var.n. XIV, 101
Eunotia Mesiana CHOLNOKY
 n.spec. VII, 166
Eunotia monodon var. maior (W.
 SM.) HUST. f. undulata CHOL-
 NOKY n.f. VII, 167
Eunotia porcellus CHOLNOKY
 n.spec. VII, 167
Eunotia praemonos f. recta WOOD-
 HEAD & TWEED f.n. XV, 333
Eunotia raytonensis CHOLNOKY
 n.spec. VII, 168
Eunotia reversa WOODHEAD &
 TWEED spec.n. XV, 333
Eunotia similis HUST. var. den-

sestriata CHOLNOKY n.var. VII, 168
Eunotia similis HUST. var. dense-
 striata f. minor CHOLNOKY f.n.
 VII, 168
Eunotia similis HUST. var. dense-
 striata gen. triundulata CHOLNO-
 KY n.gen. VII, 169
Eunotia Smithii WOODHEAD &
 TWEED spec.n. XV, 333
Eunotia tenella (GRUN.) HUST.
 var. densestriata CHOLNOKY n.
 var. VII, 169
Eunotia triodon f. magna WOOD-
 HEAD & TWEED f.n. XV, 334
Eunotia tumida GANDHI
 spec.n. XIV, 102
Eunotia veneris var. *bidens* WOOD-
 HEAD & TWEED var.n. XV, 335
Eunotia Zanonii WOODHEAD &
 TWEED spec.n. XII, 196
Eunotogramma rectum SALAH
 n.spec. VII, 88
Fragilaria fonticola HUST. var. si-
 naica HUSTEDT n.var. II, 46
Fragilaria strangulata (ZANON)
 HUST. f. constricta WOODHEAD
 & TWEED f.n. XII, 195
Fragilaria ventiana CHOLNOKY
 spec.n. XVII, 297
Fragilaria virescens RALFS var. bi-
 rostrata MEYER f. paucicostata
 THOMAS & GONZALVES, n. for-
 ma XXV, 341
Fragilaria undata f. *trinodis*
 WOODHEAD & TWEED comb.n.
 XV, 350
Frustulalia directa SALAH
 n.spec. VII, 93
Frustulalia indica GANDHI
 spec.n. XIV, 103
Frustulalia oliveri SALAH
 spec.n. VII, 94
Frustulalia vulgaris THW. var. sub-
 capitata GANDHI var.n. . XIV, 103
Girosigma caffra GIFFEN
 spec.n. XXI, 230
Gomphocymbella canadensis
 WOODHEAD & TWEED spec.n.
 XV, 341
Gomphocymbella sigmoidea
 WOODHEAD & TWEED spec.n.
 XV, 341
Gomphonema gracile var. Clevei
 WOODHEAD & TWEED nom.n.
 XV, 357
Gomphonema intricatum var. tri-
 punctatum WOODHEAD &
 TWEED var.n. XV, 340

Gomphonema migmatitum
 WOODHEAD & TWEED spec.n. XII, 201
Gomphonema parvuloides CHOL-
 NOKY spec.n. XVII, 298
Gomphonema semicruciatum
 WOODHEAD & TWEED spec.n. XV, 341
Gomphonema sonfonense WOOD-
 HEAD & TWEED spec.n. XII, 201
Gomphonema truncatum var. ca-
 pitatum f. turgidum WOOD-
 HEAD & TWEED comb.n. XV, 358
Hantzschia amphioxys (E.) GRUN.
 var. africana HUST. f. minuta
 CHOLNOKY n.f. VII, 171
Hantzschia fenestrata HUSTEDT
 n.spec. II, 48
Hantzschia virgata (ROPER) GRUN.
 var. lata THOMAS & GONZALVES
 var. nov. XXV, 345
Mastogloia dogei CHOLNOKY
 spec.n. XVII, 300
Mastogloia lacustris var. canaden-
 sis WOODHEAD & TWEED var.n.
 XV, 340
Navicula adumbrata CHOLNOKY
 spec.n. XVII, 302
Navicula aegyptiaca SALAH
 n.spec. VII, 97
Navicula Agnewii CHOLNOKY
 spec.n. XIX, 78
Navicula alpha CHOLNOKY
 n.spec. VII, 173
Navicula anopaia CHOLNOKY
 spec.n. XVII, 304
Navicula buchansia WOODHEAD &
 TWEED spec.n. XV, 336
Navicula campanilae CHOLNOKY
 spec.n. XVII, 305
Navicula cincta (EHR.) KÜTZ. f.
 major HOLSINGER f.n. VII, 23
Navicula crocodili CHOLNOKY
 spec.n. XIX, 81
Navicula diuturna CHOLNOKY
 spec.n. XIX, 83
Navicula dubium (E.) CL. f. triun-
 dulata CHOLNOKY f.n. VII, 178
Navicula finmarchica CLEVE &
 GRUNOW var. acuta SALAH n.
 var. VII, 98
Navicula gregatiooides CHOLNOKY
 n.spec. VII, 174
Navicula guluensis GIFFEN
 spec.n. XXI, 238
Navicula ingustata CHOLNOKY
 spec.n. XIX, 85
Navicula lucentiformis CHOLNOKY
 spec.n. XVI, 251
Navicula margino-ornata SALAH
 n.spec. VII, 98
Navicula Mesiana CHOLNOKY
 n.spec. VII, 178
Navicula microcephala var. rostra-
 ta WOODHEAD & TWEED var.n.
 XV, 336
Navicula mutica var. gracilis f.
 apiculata HUSTEDT n.f. II, 48
Navicula palpebrulum CHOLNOKY
 spec.n. XVII, 309
Navicula panhalgarhensis GAN-
 DHI spec.n. XIV, 109
Navicula parvuloides CHOLNOKY
 n.spec. VII, 179
Navicula proveniens CHOLNOKY
 spec.n. XVII, 310
Navicula pulverentula WOODHEAD
 & TWEED spec.n. XV, 337
Navicula pupuloides CHOLNOKY
 n.spec. VII, 175
Navicula rhombiformis GANDHI
 spec.n. XIV, 135
Navicula Rogersii GIFFEN
 spec.n. XXI, 241
Navicula rossii SALAH
 n.spec. VII, 96
Navicula samrai SALAH
 n.spec. VII, 97
Navicula similis KRASSKE var.
 grossestriata CHOLNOKY n.var.
 VII, 176
Navicula submuticoides WOOD-
 HEAD & TWEED spec.n. XII, 197
Navicula subpupula WOODHEAD
 & TWEED spec.n. XV, 337
Navicula subtilissima CLEVE f. ros-
 trata WOODHEAD & TWEED f.n.
 XII, 197
Navicula sunkonensis WOODHEAD
 & TWEED spec.n. XII, 198
Navicula spiririi CHOLNOKY
 spec.n. XVII, 312
Navicula tantuloides CHOLNOKY
 spec.n. XVI, 255
Navicula taylori SALAH
 n.spec. VII, 98
Navicula viriduloides GANDHI
 spec.n. XIV, 108
Navicula viriduloides var. lanceo-
 lata GANDHI var.n. XIV, 108
Navicula Wrightianum WOOD-
 HEAD & TWEED nom.n. XV, 353
Neidium panhalgarhensis GAN-
 DHI spec.n. XIV, 105
Nitzschia Agnewii CHOLNOKY
 spec.n. XIX, 94
Nitzschia Allansonii CHOLNOKY

spec.n.	XI, 257
Nitzschia ardua CHOLNOKY	
spec.n.	XVII, 314
Nitzschia capitularis CHOLNOKY	
spec.n.	XVII, 314
Nitzschia desertorum HUSTEDT	
n.spec.	II, 50
Nitzschia elliptica HUSTEDT var.	
alexandrina CHOLNOKY var.n.	
....	XI, 258
Nitzschia Harrisonii CHOLNOKY	
spec.n.	XVI, 259
Nitzschia irritans CHOLNOKY	
spec.n.	XVII, 316
Nitzschia janei SALAH	
n.spec.	VII, 101
Nitzschia lurida CHOLNOKY	
spec.n.	XVII, 317
Nitzschia muranensis CHOLNOKY	
spec.n.	XVII, 317
Nitzschia perspicua CHOLNOKY	
spec.n.	XVI, 262
Nitzschia persuadens CHOLNOKY	
spec.n.	XVII, 319
Nitzschia pseudofossilis GANDHI	
spec.n.	XIV, 138
Nitzschia sinuata var. denticuloides BISWAS var.n.	XXIII, 511
Nitzschia stimulus CHOLNOKY	
spec.n.	XVII, 321
Nitzschia torta GANDHI	
spec.n.	XVII, 230
Pinnularia Allansonii CHOLNOKY	
spec.n.	XI, 260
Pinnularia borealis EHR. var. lonavlensis GANDHI var.n.	XX, 143
Pinnularia borealis E. var. rectangularis HUST. f. conica CHOLNOKY f.n.	VII, 180
Pinnularia gibba f. unipunctata WOODHEAD & TWEED f.n.	XV, 337
Pinnularia Kneuckeri HUSTEDT	
n.spec.	II, 50
Pinnularia legumen EHR. var. interrupta GANDHI var.n.	XIV, 115
Pinnularia lonavlensis GANDHI	
spec.n.	XX, 141
Pinnularia macra GANDHI	
spec.n.	XVII, 226
Pinnularia Millsii WOODHEAD & TWEED spec.n.	XII, 198
Pinnularia monostigma WOODHEAD & TWEED spec.n.	XV, 339
Pinnularia panhalgarhensis GANDHI spec.n.	XIV, 113
Pinnularia panhalgarhensis var. lanceolata GANDHI var.n.	XIV, 114
Pinnularia pseudobrandelii WOOD-	
HEAD & TWEED spec.n.	XII, 199
Pinnularia pusilla GANDHI	
spec.n.	XIV, 111
Pinnularia santapaui THOMAS & GONZALVES n.sp.	XXV, 343
Pinnularia seliana WOODHEAD & TWEED spec.n.	XII, 199
Pinnularia Smithii WOODHEAD & TWEED nom.n.	XV, 355
Pinnularia Smithii f. minor WOODHEAD & TWEED f.n.	XV, 355
Pinnularia Smithii f. subparallela WOODHEAD & TWEED f.n.	XII, 200
Pinnularia sonfonensis WOODHEAD & TWEED spec.n.	XII, 200
Pinnularia subtruncata WOODHEAD & TWEED spec.n.	XV, 339
Pinnularia sudetica HILSE var. commutata (GRUN.) CL. f. obtusata GANDHI f.n.	XIV, 116
Plagiogramma brockmanni HUSTEDT var. elongatum SALAH n. var.	VII, 91
Plagiogramma minimum SALAH n.spec.	VII, 91
Plagiogramma parallelum SALAH n.spec.	VII, 91
Plagiogramma sigmaeum SALAH n.spec.	VII, 90
Rhaphoneis mirabunda GIFFEN	
spec.n.	XXI, 251
Rhoicosphenia stauroneiformis SALAH n.spec.	VII, 93
Rhopalodia gibba (E.) O. M. var. pseudogibberula CHOLNOKY n. var.	VII, 183
Rhopalodia gibba var. ventriculosa f. minutissima WOODHEAD & TWEED f.n.	XV, 342
Stauroneis flexuosa SALAH n.spec.	VII, 96
Stauroneis phoenicenteron f. Dippeii WOODHEAD & TWEED nom. n.	XV, 357
Stenopterobia recta WOODHEAD & TWEED spec.n.	XII, 202
Surirella approximata WOODHEAD & TWEED spec.n.	XII, 202
Surirella Engleri O. MÜLL. f. sieraleonensis WOODHEAD & TWEED f.n.	XII, 202
Surirella gracilis (W. SM.) GRUN var. africana CHOLNOKY n.var.	VII, 184
Surirella gracilis (W. SM.) GRUN f. constricta CHOLNOKY f.n.	VII, 184

Surinella tenera GREG. var. *indica*
THOMAS & GONZALVES var. nov. XXV, 346
Surirella Welshii CHOLNOKY
spec.n. XX, 337
Synedra Allansonii CHOLNOKY
spec.n. XI, 262

DIPTERA

Eukiefferiella flavipes GOETGHE-
BUER n.spec. I, 415
Eukiefferiella lutethorax GOET-
GHEBUER n.spec. I, 411
Eukiefferiella stylifer GOETGHE-
BUER n.spec. I, 413
Hemerodromia (Metachela) Seguyi VAILLANT n.spec. V, 180
Limnophyes italicus MARCUZZI
spec.nov. I, 191
Orthocladius confusus MARCUZZI
spec.nov. I, 189
Orthocladius flaveolus GOETGHE-
BUER n.spec. I, 420
Orthocladius italicus MARCUZZI
spec.nov. I, 191
Orthocladius (Chaetocladius) setilobus MARCUZZI spec.nov. I, 189
Smittia giordani-soikai MARCUZZI
spec.nov. I, 196
Tendipes (Limnochironomus) venetus MARCUZZI nov. spec. I, 200

ENTEROPNEUSTA

Glandiceps bengalensis K. P. RAO
n.spec. VII, 270
Glossobalanus indicus K. P. RAO
n.spec. VII, 270

FLAGELLATA

Amphidinium Skujae CHRISTEN
spec.n. X, 69
Anisonema hexagonale CHRISTEN
spec.n. X, 76
Carteria eugametos MITRA
n.spec. II, 211
Carteria Huberi CHRISTEN
spec.n. X, 77
Chlamydomonas asymmetrica
KORSCHIKOFF var. *gallica* BOUR-
RELLY var.n. III, 261
Chlamydomonas Chadefaudii
BOURRELLY n.spec. III, 257
Chlamydomonas crassa CHRISTEN
spec.n. X, 81
Chlamydomonas deludens CHRIS-

TEN spec.n. X, 78
Chlamydomonas gordalensis
LUND n.spec. VI, 136
Chlamydomonas Hovassei BOUR-
RELLY n.spec. III, 264
Chlamydomonas indica MITRA
n.spec. II, 210
Chlamydomonas Iyengari MITRA
n.spec. II, 209
Chlamydomonas macroplastida
LUND f. *macrostigma* BOURREL-
LY n.f. III, 256
*Chlamydomonas macropyreno-
dosa* SKUJA var. *bipapillata*
BOURRELLY n.var. III, 256
Chlamydomonas Meslinii BOUR-
RELLY n.spec. III, 258
Chlamydomonas microsphaera
PASCHER & JAHODA f. *acuta*
BOURRELLY n.f. III, 256
Chlamydomonas opisthostigma
CHRISTEN spec.n. X, 80
Chlamydonas PITSCHMANN
n.spec. VI, 300
Chlamydomonas pseudotarda
BOURRELLY n.spec. III, 262
Chlamydomonas Teilingii BOUR-
RELLY n.spec. III, 265
Chlamydomonas vulgaris ANA-
CHIN f. *gallica* BOURRELLY f.n.
.... III, 263
Chlorochytrium dinobryonis
LUND n.spec. VII, 219
Chlorogonium acutiformis BOUR-
RELLY n. comb. III, 269
Chlorogonium Heimii BOURRELLY
n.spec. III, 268
Chrysolykos gracilis LUND
spec.n. XVI, 106
Cryptomonas globosa CHRISTEN
spec.n. X, 68
Dinobryon anulatum HILLIARD &
ASMUND spec.n. XXII, 383
Dinobryon asymmetricum HIL-
LIARD & ASMUND spec.n. XXII, 385
Diplostauron Guermeurii BOUR-
RELLY n.spec. III, 269
Diplostauron Haccardii BOURREL-
LY n.spec. III, 270
Dunalialiella bioculata BUTCHER
spec.n. XII, 249
Entosyphon Wrightianum WOOD-
HEAD & TWEED spec.n. XV, 343
Epipyxis Alaskana HILLIARD &
ASMUND spec.n. XXII, 358
Epipyxis alata HILLIARD & AS-
MUND spec.n. XXII, 361
Epipyxis alpina HILLIARD & AS-

MUND spec.n. XXII, 363
Epipyxis borealis HILLIARD & ASMUND spec.n. XXII, 365
Epipyxis condensata (MACK) HILLIARD & ASMUND comb.n. XXII, 350
Epipyxis gracilis HILLIARD & ASMUND spec.n. XXII, 367
Epipyxis kenaiensis HILLIARD & ASMUND, spec.n. XXII, 369
Epipyxis lamellosa HILLIARD & ASMUND spec.n. XXII, 372
Epipyxis planonica HILLIARD & ASMUND spec.n. XXII, 374
Epipyxis polymorpha (LUND) HILLIARD & ASMUND comb.n. XXII, 354
Epipyxis proteus (WISL.) HILLIARD & ASMUND comb.n. XXII, 348
Epipyxis pulchra HILLIARD & ASMUND spec.n. XXII, 375
Epipyxis ramosa (LAUTERB.) HILLIARD & ASMUND comb.n. XXII, 356
Epipyxis simplex HILLIARD & ASMUND spec.n. XXII, 378
Epipyxis singoalikensis HILLIARD & ASMUND spec.n. XXII, 379
Epipyxis sphagnicola HILLIARD & ASMUND spec.n. XXII, 381
Epipyxis tubulosa (MACK) HILLIARD & ASMUND comb.n. XXII, 352
Epipyxis utriculus EHRB. var. *acuta* (SCHILL.) HILLIARD & ASMUND comb.n. XXII, 343
Euglena maharastrensis KAMAT spec.n. XXII, 262
Euglena Pénardii BOURRELLY spec.n. X, 241
Golenkinia chlorelloides LUND n.spec. VI, 139
Gymnodinium titubans CHRISTEN spec.n. X, 70
Lepocinclus acuta PRESCOTT n.spec. II, 89
Mallomonas corymbosa ASMUND & HILLIARD spec.n. XVII, 246
Mallomonas glabra WOODHEAD & TWEED spec.n. XII, 194
Mallomonas sonfonensis WOODHEAD & TWEED spec.n. XII, 195
Peridinium latidorsale (DAN-GEARD) BALECH n.comb. III, 317
Peridinium pentagonoides BALECH n.spec. I, 403
Peridinium sphaeroideum CHRISTEN spec.n. X, 71
Petalomonas elongata CHRISTEN spec.n. X, 75
Petalomonas pygmaea CHRISTEN spec.n. X, 74
Phacotus minusculus BOURRELLY n.spec. III, 271
Polytoma Manguinii BOURRELLY n.spec. III, 270
Pseudokephyrion tortosaccatum LUND n.spec. VII, 223
Sphaerellopsis Lefevrei BOURRELLY n.spec. III, 266
Sphaerellopsis Roberti-Lamii BOURRELLY n.spec. III, 267
Sphaerobryon fimbriata TAYLOR spec.n. VI, 369
Sphaerobryon TAYLOR gen.nov. VI, 369
Tetrachloris Allorgei BOURRELLY n.spec. III, 253
Tetrasporopsis pseudofenestrata LUND spec.n. XVI, 106
Thorakomonas Feldmannii BOURRELLY n.spec. III, 272
Trachelomonas aculeata f. *brevispinosa* PRESCOTT n.f. II, 89
Trachelomonas compacta MIDDELHOEK n.spec. III, 230
Trachelomonas crebea var. *brevicollaris* PRESCOTT n.var. II, 89
Trachelomonas desikacharyi KAMAT spec.n. XXII, 266
Trachelomonas gerinkae WOODHEAD & TWEED spec.n. XII, 203
Trachelomonas guttata MIDDELHOEK n.spec. III, 231
Trachelomonas ornata SKV. var. *maius* KAMAT var.n. XXII, 266
Trachelomonas ovalis V. DADAY var. *maharastrensis* KAMAT var. n. XXII, 267
Trachelomonas sonfonensis WOODHEAD & TWEED spec.n. XII, 203
Trachelomonas splendidissima MIDDELHOEK nov.spec. I, 87
Trachelomonas tubantia MIDDELHOEK nov.spec. I, 87
Trachelomonas tuberculata MIDDELHOEK nov.spec. I, 87
Trachelomonas Volzii LEMM. var. *minor* WOODHEAD & TWEED var. n. XII, 203

MOLLUSCA

Siphonaria (*Patellopsis*) *dayi* AL-LANSON spec.n. XII, 169
Siphonaria (*Siphonaria*) *aspera*

var. *pallida* ALLANSON var.n. XII, 171
Siphonaria (*Sacculosiphonaria*)
 compressa ALLANSON spec.n. XII, 173

MYXOPHYCEAE

Anabaena alatospora GONZALVES & KAMAT spec.n. XIII, 236
Anabaena mysorensis GONZALVES & KAMAT spec.n. XIII, 237
Anabaena pseudoconstricta CHOLNOKY n.spec. VII, 185
Anabaena raytonensis CHOLNOKY n.spec. VII, 186
Anabaenopsis magna EVANS spec.n. XX, 81
Anabaenopsis seriata PRESCOTT & ANDREWS n.spec. VII, 61
Aulosira transvaalensis CHOLNOKY n.spec. VII, 186
Chroococcidiopsis karnatakensis KAMAT spec.n. XX, 188
Chroococcidiopsis spinosa KAMAT spec.n. XX, 190
Gomphosphaeria aponina var. *gelatinosa* PRESCOTT n.var. II, 89
Lyngbya allorgei FREMY var. *thermalis* THOMAS & GONZALVES var.nov. XXV, 338
Lyngbya antartica GAIN var. *maior* KAMAT var.n. XXII, 294
Lyngbya Birgei G. M. SMITH var. *major* WOODHEAD & TWEED var. n. XII, 205
Lyngbya dixitii KAMAT spec.n. XXII, 295
Lyngbya gandhii KAMAT spec.n. XXII, 296
Lyngbya kolhapurensis KAMAT spec.n. XXII, 298
Lyngbya lachneri (ZIMMERMANN) GEITLER var. *minor* KAMAT var.n. XXII, 298
Lyngbya maharastrensis KAMAT spec.n. XXII, 299
Lyngbya schmidlei KAMAT nom.n. (= *Lyngbya kuetzingii* SCHMIDLE 1897) XXII, 300
Lyngbya stagina KUETZING f. *non-granulata* KAMAT f.n. XXII, 301
Lyngbya transvaalensis CHOLNOKY n.spec. VII, 189
Microchaete tropica WOODHEAD & TWEED spec.n. XII, 204
Microcoleus amplus GARDNER var. *minor* KAMAT var.n. XXII, 301

Microcoleus steenstrupii BOYE-PETERSEN f. *attenuata* KAMAT f.n. XXII, 302
Microcystis lamelliformis HOL-SINGER spec.n. VII, 15
Myxosarcina thermalis THOMAS & GONZALVES sp.nov. XXV, 348
Oscillatoria amoena (KUETZING) GOMONT f. *kolhapurensis* KAMAT f.n. XXII, 280
Oscillatoria amoena (KUETZING) GOMONT f. *maharastrensis* KAMAT f.n. XXII, 281
Oscillatoria amphigranulata var. *vAN GOOR* f. *conia* KAMAT f.n. XXII, 280
Oscillatoria annae vAN GOOR f. *maior* KAMAT f.n. XXII, 281
Oscillatoria bharadwajae KAMAT spec.n. XXII, 282
Oscillatoria biswasii KAMAT spec.n. XXII, 282
Oscillatoria bourrellyi KAMAT spec.n. XXII, 282
Oscillatoria bourrellyi LUND n.spec. VII, 225
Oscillatoria brevis (KUETZING) GOMONT var. *non-granulata* KAMAT var.n. XXII, 283
Oscillatoria chalybea (MERTENS) GOMONT var. *minor* KAMAT var.n. XXII, 283
Oscillatoria corakiana PLAYFAIR var. *non-granulata* KAMAT var. n. XXII, 284
Oscillatoria cortiana MENEGHINI ex GOMONT var. *minor* KAMAT var.n. XXII, 284
Oscillatoria formosa BORY var. *acutius* WOODHEAD & TWEED var.n. XII, 204
Oscillatoria hamelii FREMY f. *brevis* KAMAT f.n. XXII, 286
Oscillatoria inaequalis CHOLNOKY n.spec. VII, 191
Oscillatoria mitrae KAMAT spec.n. XXII, 286
Oscillatoria profunda KIRCHNER f. *conica* KAMAT f.n. XXII, 287
Oscillatoria rubescens D. C. ex GOMONT var. *curvata* KAMAT var.n. XXII, 289
Oscillatoria pseudogeminata G. SCHMID f. *longa* KAMAT f.n. XXII, 288
Oscillatoria raytonensis CHOLNOKY n.spec. VII, 191
Oscillatoria schultzii LEMMER-

MANN var. *cylindrica* KAMAT
var.n. XXII, 289
Oscillatoria subtropica CHOLNOKY
n.spec. VII, 192
Oscillatoria suxenae KAMAT
spec.n. XXII, 290
Oscillatoria transvaalensis CHOL-
NOKY n.spec. VII, 192
Oscillatoria yamadae KAMAT
spec.n. XXII, 291
Petalonema involvens (A. BR.)
MIGULA var. *sierra-leonensis*
WOODHEAD & TWEED var.n.
.... XII, 204
Phormidium ceylanicum WILLE
var. *minor* KAMAT var.n. XXII, 292
Phormidium Cronani(i) GOM. var.
Fritschii WOODHEAD & TWEED
var.n. XII, 205
Phormidium stagina RAO, C. B.
var. *minor* KAMAT var.n. XXII, 292
Scytonema transvaalensis CHOL-
NOKY n.spec. VII, 193
Synechocystis sallensis SKUJA f.
indica THOMAS & GONZALVES
f.n. XXV, 337
Tetraëdron glaucescens (WITTR.)
var. *africana* CLAUS var.n. XXI, 272
Tolypothrix africana CHOLNOKY
n.spec. VII, 196

NEMATODA

Araeolaimus longisetosus WIESER
n.spec. VI, 205
Bolbella gallanachmora INGLIS
spec.n. XVIII, 284
Chromadora siciliana WIESER
n.spec. VI, 203
Croconema mediterranea WIESER
n.spec. VI, 168
Desmodora ocellata WIESER
n.spec. VI, 172
Linhomoeus parmacramphis WIE-
SER n.spec. VI, 208
Megadesmolaimus WIESER
n.gen. VI, 211
Megadesmolaimus incisus WIESER
n.spec. VI, 212
Nasinema stenolaima WIESER
n.spec. VI, 163
Neochromadora amembranata
WIESER n.spec. VI, 199
Neochromadora brevisetosa WIE-
SER n.spec. VI, 198
Nudora omercooperi INGLIS
sp.n. XXV, 176
Praecanthonchus brevisetosus

WIESER n.spec. VI, 177
Prochromadora macro-punctata
WIESER n.spec. VI, 193
Sabatiera scotlandia INGLIS
spec.n. XVIII, 287
Sphärolaimus macrocirculoides
WIESER n.spec. VI, 213
Synonchus dubius WIESER
n.spec. VI, 159

OSTRACODA

Candonia aotearoa CHAPMAN
spec.n. XXII, 24
Candonia inexpecta CHAPMAN
spec.n. XXII, 23
Cypricercus sanguineus CHAPMAN
spec.n. XXII, 14
Cypridopsis jolleae CHAPMAN
spec.n. XXII, 16
Cypris kaiapoiensis CHAPMAN
spec.n. XXII, 8
Darwinula repoa CHAPMAN
spec.n. XXII, 25
Eucrypis thomsonii CHAPMAN
spec.n. XXII, 1
Prionocypris marplesi CHAPMAN
spec.n. XXII, 20
Scotia insularis CHAPMAN
spec.n. XXII, 9

ROTATORIA

Brachionus capsuliflorus var. Ent-
zii f. *convergens* NÓGRÁDI f.n.
.... IX, 353
Brachionus Novae-Zelandiae var.
hungaricus NÓGRÁDI var.nov.
.... IX, 355
Brachionus Novae-Zelandiae var.
africanus NÓGRÁDI nom.nov.
.... IX, 355
Dicranophorus robustus minor
BÉRZINŠ n. sub spec. I, 318
Eothinia elongata macra BÉRZINŠ
n.spec. I, 317
Eothinia lamellata BÉRZINŠ
n.spec. I, 317
Eothinia lasiobiotica BÉRZINŠ
n.spec. I, 318
Horaëlla brehmi DONNER n.gen.,
n.spec. II, 134
Keratella quadrata australis BÉR-
ZINŠ subsp.n. XXI, 381
Keratella valga slacki BÉRZINŠ
subsp.n. XXI, 382
Lecane sinuosa NÓGRÁDI
nov.sp. IX, 358

Notommata falcinella europaea
BÉRZINŠ subspec.nov..... I, 312

Notommata Gisléni BÉRZINŠ
nov.spec. I, 314

Pedalia mollis BARTOŠ
spec.nov. I, 75

Pedalia propinqua BARTOŠ
nov.spec. I, 73

Pedalia reducens BARTOŠ
spec.nov. I, 70

Pleuretra hystrix BARTOŠ
n.spec. II, 290

Pleuretra sulcata BARTOŠ
n.spec. II, 291

Proales tyrphosa BÉRZINŠ.... I 315

RHIZOPODA

Amphitrema congolense VAN OYE
spec.n. X, 124

Amphitrema jollyi VAN OYE
spec.n. VIII, 33

Arcella vulgaris EHRENBURG var.
depressa VAN OYE var.n. X, 94

Assulina quadratum VAN OYE
spec.n. X, 120

Bullinula minor HOOGENRAAD &
DE GROOT nov.spec..... I, 41

Centropyxis bacillifera DECLOÎTRE
n.spec. VII, 328

Centropyxis cassis (WALLICH) DE-
FLANDRE var. minima VAN OYE
var.n. X, 98

Centropyxis deflandrei DECLOÎTRE
n.spec. VII, 331

Centropyxis laevigata PÉNARD var.
alta DECLOÎTRE var.n. VII, 333

Centropyxis pyriformis VAN OYE
spec.n. X, 99

Diffugia carinata VAN OYE
spec.n. VIII, 18

Diffugia gramen f. globulosa ŠTĚ-
PÁNEK & JIŘÍ f.n. X, 142

Diffugia masaruzii VAN OYE
spec.n. X, 96

Diffugia oblonga EHR. var. crassa
(CASH) CHARDEZ comb.n. XVI, 118

Euglypha curvata VAN OYE
spec.n. X, 117

Euglypha filifera PENARD var.
magna VAN OYE var.n. X, 117

Euglypha marginata VAN OYE
spec.n. X, 118

Euglypha symoensi VAN OYE
spec.n. X, 119

Euglypha tuberculata var. minor
f. subcylindrica DECLOÎTRE f.n.
..... VII, 326

Hyalosphenia Schoutedeni VAN
OYE var. rotunda VAN OYE
var.n. X, 114

Jungia intermedia VAN OYE
spec.n. X, 113

Lesquereusia spiralis (EHRENBURG)
BÜTSCHLI var. DECLOÎTRE VAN
OYE var.n. XIII, 249

Nebela acuminata VAN OYE
spec.n. XIII, 258

Nebela deflandrei DECLOÎTRE
n.spec. VII, 335

Nebela kundulungui VAN OYE
spec.n. XIII, 258

Nebela subsphaerica VAN OYE
spec.n. VIII, 25

Nebela tubulata BROWN var.
magna VAN OYE var.n. XIII, 261

Nebela wailesi DEFLANDRE var.
magna VAN OYE var.n. VIII, 28

Plagiopyxis callida PENARD, var.
grandis THOMAS var.n. X, 206

Quadrilella acuminata VAN OYE
spec.n. X, 107

Quadrilella Debonti VAN OYE
spec.n. XIII, 256

Quadrilella symmetrica (WAL-
LICH) F. SCHULZE var. kivuensis
VAN OYE var.n. X, 107

Tracheleuglypha acolla f. steno-
stoma CHARDEZ f.n. XVI, 202

Tracheleuglypha elongata VAN
OYE spec.n. XIII, 265

Trigonopyxis microstoma HOO-
GENRAAD & DE GROOT sp.nov. I, 37

INDEX AUTORUM

A

ABBOTT, I. A., XXV, 88.
 ABDIN, G., I, 169, 469. II, 118.
 ADEY, W. H., XXIV, 377.
 AGNEW, J. D., XX, 367. XXII, 41.
 ALEEM, A. A., I, 251. XI, 40.
 ALLANSON, B. R., XII, 149. XVIII, 1.
 ALM, G., III, 290.
 d'ANCONA, U., IV, 294.
 ANDERSSON, K. A., II, 97.
 ANDREWS, T. F., VII, 60.
 ARMITAGE, K. B., XVII, 152.
 ASMUND, B., VII, 75. XVII, 237. XXII, 237. XXII, 331.
 AUSTIN, A. P., XIV, 255. XV, 193.

B

BADCOCK, R. M., V, 222.
 BALECH, E., I, 390. III, 305.
 BALON, E. K., XXIV, 441.
 BARDACH, J. E., VII, 309.
 BARKER, D., XIII, 209.
 BARTOŠ, E., I, 63. II, 285. III, 244.
 BASU, A. L., XXV, 302.
 BATUT, J., XXV, 239.
 BECKER, H., XIX, 146.
 BELCHER, J. H., VIII, 298.
 BELING, A., VII, 36.
 BENEDEN, G. VAN, III, 1.
 BENTHEM JUTTING, W. S. S. VAN, XXIII, 577.
 BERG, K. I., 322. II, 380. III, 72. IV, 225. V, 331. XIX, 1. XXIV, 452.
 BERTHÉLÉMY, C., XXV, 501.
 BEROVETS, W. P., IV, 214.
 BERZINŠ, B., I, 312. II, 64. VI, 309, 321. XXI, 380.
 BISHAI, H. M., XIX, 357. XX, 31, 179. XXV, 473.
 BISWAS, S., XXIII, 511.
 BLANC, M., IV, 341.
 BLUM, J. L., IX, 361.
 BOETTGER, C. R., II, 360.
 BONT, A. F. DE, VIII, 279, 288.
 BOTOSANEANU, L., XVIII, 199.
 BOURNAULD, M., XXI, 125.
 BOURRELLY, P., II, 72. III, 101, 251, 379. V, 314. X, 241.
 BOVEE, E. C., XXV, 69.
 BREHM, V., XX, 193.
 BRINKHURST, R. O., XXV, 9.
 BROOK, A. J., IV, 281. VI, 333. VII, 103.

BURLINGTON, R. F., XXI, 193.
 BUTCHER, R. W., XII, 249.
 BUTTIAUX, R., I, 105.

C

CAINES, L. A., XXV, 289.
 CAMPION, M., VIII, 38.
 CARASSO, N., VII, 387.
 CASPERS, H., III, 131.
 CHAPMAN, M. A., XXII, 1.
 CHARDEZ, D., IX, 293. XIV, 72. XVI, 118, 197.
 CHAUHAN, V. D., XXIII, 292.
 CHOLNOKY, B. J., VII, 137. XI, 205. XV, 89. XVI, 229. XVII, 287. XIX, 57. XX, 309.
 CHRISTEN, H. R., X, 66.
 CHUTTER, F. M., XXI, 1.
 CLAUS, G., XIX, 192. XXI, 266.
 CLOUDSLEY-THOMPSON, J. L., XXV, 424.
 COBBEN, R. H., XVI, 323.
 COLLARDEAU, C., XVIII, 252.
 COMITA, G. W., IV, 337.
 CRIDLAND, C. C., XV, 135. XVIII, 177. XX, 155.
 CZEZUGA, B., XXII, 92. XXV, 412.

D

DAGET, J., IX, 321. XVIII, 95.
 DAVIS, C. C., XXIII, 253.
 DAYAL, R., XX, 121. XXII, 324.
 DEAN, J. M., XXI, 193. XXIV, 435.
 DECLÔTRE, L., VII, 325. XIV, 278, 386. XVI, 215. XIX, 179.
 DEELDER, C. L., III, 357.
 DEFLANDRE, G., X, 2. XII, 299.
 DEFLANDRE-RIGAUD, M., XII, 299.
 DE GROOT, A. A., I, 28.
 DE LÉPINAY, L., XX, 213, 217.
 DE LEY, J., XVII, 191. XX, 283.
 DE RIDDER, M., XI, 99. XIII, 128. XX, 92. XXV, 587.
 DE VOS, A. P. C., I, 217.
 DIMOVIĆ, D., XV, 89.
 DONNER, J., II, 134.
 DOUGLAS, B., VIII, 300.
 DRESSCHER, TH. G. N., XII, 93. XIV, 189. XXV, 389.
 DROVER, D. P., XX, 179.
 DUBOIS, J. TH., X, 215.
 DUCKER, S. C., X, 157.

DU PLOOY, A., XX, 223. XXI, 177.
XXII, 317.
DUSART, J., XXI, 328.
DUSSART, B. H., III, 331. X, 263.
DVIGHALLY, S. T., XVII, 193.

E

EFFORD, I. E., XVI, 288. XIX, 161.
EGGLETON, F. E., XVII, 259.
EGGLISHAW, H. J., XXV, 181.
EHRLICH, S., XVII, 326. XVIII, 136.
XIX, 273, 316. XXIII, 196.
ELGMORK, K., XX, 167.
EL-MAGHRABY, A. M., XXV, 221.
ENGEL, D., XII, 393.
ERIKSEN, C. H., XXIII, 506.
ETTL, H., XIII, 186.
EVANS, J. H., XV, 384. XIX, 299. XX,
59.

F

FARRUGIA-FOUGEROUSE, G., X, 49.
XVI, 1.
FAURÉ-FREMIET, E., I, 126, 379. III,
65. VII, 210. X, 23, 43. XII, 142.
XVIII, 300.
FISH, G. R., XV, 161.
FITZGERALD, A. M., I, 410.
FJERDINGSTAD, E., VI, 328.
FLINT, E. A., II, 217.
FORD, J. B., XI, 198. XIX, 262.
FÖRSTER, K., XXIII, 321
FOTT, B., VI, 387. VIII, 184.
FRANK, G. H., XXV, 52.
FRITSCH, F. E., I, 115. III, 293.
FROST, W. E., XVII, 183.

G

GANPATI, S. V., VII, 285. VIII, 365.
GANDHI, H. P., XIV, 93, 130. XVII,
218. XX, 128.
GARROD, D. J., XII, 268.
GEORGE, M. G., XVIII, 265.
GERNEZ-RIEUX, CH., I, 105.
GESSNER, F., X, 323.
GIESKES, J. M. T. M., XVIII, 1.
GIFFEN, M. H., XXI, 201.
GILCHRIST, B. M., VIII, 54. XII, 27.
GILLARD A., II, 322.
GISPEN-VAN DER WEG, A. J. J., XI, 93.
GLEDHILL, T., XIV, 85. XV, 179.
GOETGHEBUER, M., I, 410.
GOLUBIC, S., XVIII, 109.
GONZALVES, E. A., XIII, 301, 238.
XXI, 188. XXV, 330, 340.

GRAAF, F. DE, V, 390. IX, 210.
GROENEWALD, A. A. V. J., XXIII, 267,
287.
GROSPIETSCH, TH., X, 305.
GRUBER, R., XIX, 129, 225.
GUPTA, A. B., VII, 373. XXIV, 430.
XXV, 285.

H

HAKIM, Y., XXV, 221.
HALL, R. E., XI, 198. XIII, 156. 160.
XIV, 79. XVII, 205. XX, 173.
XXII, 197.
HALME, E., XVI, 301.
HANSEN, K., XIII, 309. XIX, 183.
HARDING, J. P., III, 199.
HARNISCH, O., VI, 372.
HARRISON, A. D., XV, 89. XXI, 66.
HARROD, J. J., XX, 173. XX, 197.
HENRY, J. P., XIX, 334.
HENSON, H., IX, 25.
HESSE, P. R., XI, 29, 171.
HEUTS, M. J., XII, 1.
HILD, J., XVI, 203. XIX, 146. XXI,
328. XXV, 442.
HILLIARD, D. K., XVII, 237. XXI, 90.
XXII, 331.
HOLSINGER, E. C. T., VII, 8, 25.
HOOGENRAAD, H. R., I, 28.
HRBÁČEK, J., XIII, 170.
HUMPHRIES, C. F., I, 410. III, 209.
HUSTEDT, F., II, 24.
HYNES, H. B. N., XIII, 152.

I

INGLIS, W. G., XVIII, 284. XXV, 176.
IRÉNÉE MARIE, I. C., FRÈRE, IV, 1.
VIII, 79. IX, 66, 145. XI, 128. XII,
107. XIII, 319. XXI, 90.
ITO, T., XI, 1.

J

JAECKEL, S., VI, 70.
JANNASCH, H. W., VII, 36.
JÄRNEFELT, H., IV, 268. VII, 381. X,
175.
JAYANGOUDAR, I., XXIII, 515.
JEDYNAK, K., XIX, 273.
JEFFERIES, D. J., XXIV, 457.
JIŘÍ, J., X, 138.
JOLLY, V. H., V, 309. VII, 279. XXV,
466.
JÓNASSON, P. M., XIX, 1.
JURILJ, A., VIII, 1.

K

KALLIO, P., XXV, 579.
KAMAT, N. D., XIII, 238. XX, 188.
248. XXII, 209.
KARAMAN, M. S., XXII, 111.
KELLER, P., XIV, 205. XV, 89. XXI,
66.
KHAN, A. S., III, 79.
KING, J. L., XXIV, 567.
KIPLING, C., XI, 143.
KIRBY, H., II, 383.
KNIPPER, H., XIX, 120.
KNOTT, W., XIII, 1.
KRIEGER, W., IX, 126.
KRISHNAMOORTHY, K. P., XXI, 275.
XXV, 99.
KÜHL, H., VIII, 66.
KUMAR, H. D., XX, 356.
KUNST, M., VIII, 323.

L

LABAT, R., XIII, 144. XV, 293. XVI,
357. XVIII, 185. XIX, 351.
LACOURT, A. W., VII, 261.
LAHAV, N., XX, 110.
LAKSHMINARAYANA, S. S., XXV, 119,
138, 166, 171.
LANZING, W. J. R., XXV, 426.
LATA, K., XXIV, 430.
LE CREN, E. D., XI, 143.
LEENTVAAR, P., XVIII, 245.
LEFÈVRE, M., X, 49. XII, 55.
LENHARD, G., XX, 223. XXI, 177.
XXII, 317. XXV, 404.
LENZ, F., XXIII, 561.
LE ROUX, P. J., XVIII, 165.
LINDBERG, K., II, 301. VI, 97.
LÖFFLER, H., VIII, 201.
LOMBARD, W. A., XXI, 66.
LOUIS, A., XVI, 109.
LUMBYE, J., X, 245. XXV, 489.
LUMBYE, L. E., XXV, 489.
LUND, J. W. G., II, 281. III, 93, 390.
VI, 136. VII, 219. XI, 143. XVI, 97.

M

MACAN, T. T., II, 1. III, 84, IV, 363.
VI, 44. VII, 124. VIII, 300. IX, 1.
XII, 89.
MACKERETH, J. C., VIII, 300. IX, 1.
MAES, H., VIII, 279, 288.
MAGNIEZ, G., XIX, 334.
MAILLET, P., VII, 387.
MANN, H., VIII, 66.
MARCHESONI, V., I, 333.

MARCUZZI, G., I, 183.
MARGALEF, R., I, 15, 215. IV, 209. VI,
83. XVIII, 155.
MARIS, J., XXIII, 533.
MARLIER, G., X, 352. III, 217. VI, 225.
MATONIČKIN, I., XVIII, 219, 225.
MAUCHA, R., I, 45, 225.
MCGREGOR, D. D., XXV, 277.
MEHRA, K. R., XIII, 201.
MESSIKOMMER, E., I, 22, 133. VI, 1.
MIDDELHOEK, A., I, 78, 218. II, 241,
346. III, 228.
MITRA, A. K., II, 209.
MOLLER PILLOT, H., XVI, 323.
MORAVCOVÁ, V., VIII, 181.
MORDUKHAI-BOLTOVSKOI, PH. D.,
XXIII, 159. XXV, 212.
MORGAN, N. C., XXV, 181.
MUCHEMBLE, G., I, 185.
MUGARD, H., I, 379.
MÜLLER, K., VII, 230.

N

NASR, A. H., I, 251. VII, 245.
NAYAR, C. K. G., XXV, 538.
NEGREA, ST., XVIII, 199.
NEUMANN, D., XVII, 133.
NEWCOMBE, C. L., I, 346.
NEWELL, B. S., XV, 363.
NIELSEN, A., II, 313.
NIELSEN, C. S., VI, 352.
NIELSEN, E. STEEMAN, VII, 68.
NOEL, M. S., VI, 120.
NÓGRÁDI, T., IX, 348.
NYGAARD, G., III, 282.

O

OCKELMANN, K. W., XIX, 1.
OLIFF, W. D., XIV, 281. XVI, 137.
XXI, 355. XXIV, 567.
OWENS, M., XXIII, 533.
OYE, P. VAN, I, 220, 282. II, 322. III,
194, 201. V, 239. VIII, 16. X, 85,
386. XI, 182. XII, 237, 251. XIII,
239. XIV, 387. XVI, 137. XVII,
191, 262, 333. XVIII, 293, XIX,
125, 223, 298. XXII, 208, 398.
XXIII, 582. XXV, 317, 588.

P

PANNIER, F., X, 323.
PAPENFUSS, G. F., II, 181.
PARISE A. XVIII, 121.
PATTEE, E., XIX, 40.
PAVLETIĆ Z. XVIII, 219, 225.

PAX, F., II, 94. IV, 302.
 PEELEN, R., XIX, 339.
 PENNINGTON, W., XVII, 183.
 PÉQUIGNOT, J., XXII, 47.
 PEYRAUD, C., XIX, 351. XXIII, 165.
 PHILIPSON, G. N., XVIII, 321.
 PHILLIPS, R. C., XIV, 147.
 PITSCHEIMANN, H., VI, 265.
 POCOCK, M. A., XIV, 1.
 POST, E., IX, 105. XXIII, 274, 544.
 XXIV, 584.
 POURRIOT, B., IX, 38, 50, 60. XI, 189.
 XVI, 309.
 PRÁT, S., VIII, 328. XXIII, 246.
 PRESCOTT, G. W., I, 1. II, 84. IV, 377.
 VII, 52, 60. XVII, 1.
 PRINTZ, H., XXIV, 1.
 PROSKAUER, J., IV, 399.
 PURASJOKI, K. J., XXV, 571.

Q

QUILLIER, R., XIII, 144.

R

RAO, K. PAMPAPATHI, VII, 269.
 RAYNAUD, P., XII, 38.
 REHNELT, K., XXV, 442.
 REMMERT, H., VII, 256.
 REYNOLDSON, T. B., XII, 129.
 RIEDEL, D., XXV, 357.
 ROSS, W. R., XX, 223. XXI, 177.
 ROUND, F. E., XI, 119.
 RUFFO, S., II, 56.
 RUNNSTRÖM, S., XX, 202.
 RUTTNER-KOLISKO, A., I, 425.
 RZÓSKA, J., XVII, 265.

S

SAALAS, U., XII, 79.
 SACHLAN, M., I, 238.
 SAETER, O. A., XX, 377.
 SALAH, M. M., VII, 88.
 SARMA, Y. S. R. K., XX, 373.
 SCHÄFER, H. W., V, 351.
 SCHÄPERCLAUS, W., XIII, 300.
 SCHELTEMA, A. H., XXII, 85. XXV,
 321.
 SCHELTEMA, R. S., XXII, 85. XXV,
 321.
 SCHUMACHER, G. J., XXII, 133.
 SCHWARZ, S., XVI, 293. XXIII, 211.
 SCOTT, A. M., IV, 377. IX, 126. XVII,
 1.
 SEIDEL, K., VII, 118.
 SERFATY, A., XII, 38. XIII, 144. XV,

293. XVI, 357. XVIII, 185. XXII,
 47. XXIII, 165, 281.
 SEYMOUR BROWN, D., XVI, 81.
 SHRIVASTAVA, G. C., XXV, 285.
 SILVA, H., II, 84.
 SILVA, P. C., II, 252.
 SINGH, R. N., XX, 87.
 SLACK, H. D., VII, 264.
 SLÁDEČEK, V., V, 179. VI, 95. VII, 64.
 XII, 43, 73. XVI, 218. XVIII, 274.
 XX, 295. XXI, 389. XXIII, 125,
 246, 300. XXV, 518, 585.
 SLÁDEČKOVÁ, A., XII, 43. XXIII, 125.
 SLASTENENKO, E. P., XIV, 177.
 SLATER, J. V., I, 346.
 SMIRNOV, N. N., XV, 208. XIX, 252.
 XX, 280. XXI, 166. XXII, 202.
 XXIII, 305. XXIV, 421.
 SMYLY, W. J. P., XI, 59.
 SOROKIN, J. I., XXII, 306.
 SPAAS, J. T., XI, 267. XII, 1. XIV, 155.
 XV, 78.
 SREENIVASAN, A., XXIV, 514.
 STARR, R. C., VI, 392.
 STELLA, E., V, 226.
 ŠTĚPANEK, M., X, 138. XIII, 186.
 XXI, 304.
 STEPHENS, E. L., I, 14.
 STILLER, J., V, 189.
 STOCK, J. H., XII, 393.
 STRAGIOTTI, B., XXV, 501.
 STRØM, K., VIII, 293.
 STUNDL, K., VII, 125.
 SUDZUKI, M., XXIII, 1.
 SWIFT, D. R., XX, 241.
 SYLVEST, O., I, 309.
 SZALAY, L., II, 141. VIII, 155.

T

TALLING, J. F., XI, 73.
 TANDON, R. N., XX, 121. XXII, 324.
 TAYLOR, W. R., III, 113, 122. VI,
 369. XVIII, 277.
 THIVY, F., XXIII, 292.
 THOMAS, E. A., XX, 40.
 THOMAS, J., XXV, 330, 340.
 THOMAS, R., X, 198.
 THOMASSON, K., XII, 226. XVIII, 192.
 THORUP, J., XXII, 55.
 TUFFRAU, M., VII, 210. XIII, 316.
 XV, 1.
 TWEED, R. D., XI, 299. XII, 181. XV,
 225, 309.

U

UÉNO, M., XX, 185.
 UHERKOVICH, G., XIX, 243.

V

VAAS, K. F., I, 238. XII, 308.
 VAAS-VAN OVEN, A., XII, 308.
 VAIDYA, B. S., XXI, 188.
 VAILLANT, F., V, 180.
 VANAMALA NAIDU, K., XXV, 545.
 VENTER, G. E., XVIII, 327.
 VIETS, K., V, 1.
 VISWESWARA, G., XXI, 275. XXV, 99.
 VIVIER, P., XX, 114.
 VOTAVOVÁ, M., XIII, 186.

W

WADE, W. E., II, 84, 109.
 WAITZENEGGER, M., XXIII, 281.
 WERFF, A. VAN DER, VI, 331.
 WHITFORD, L. A., XIV, 147. XXII, 133.

WIBAUT ISEBREE-MOENS, N. L., IX, 13.
 XI, 275. XIX, 339. XXIV, 540.
 XXV, 588.
 WIESER, W., VI, 144.
 WILLIAMS, W. D., XX, 1.
 WILLOUGHBY, L. G., XXV, 352.
 WOODHEAD, N., XI, 299. XII, 181.
 XV, 225, 309.
 WOYNÁROVICH, E., XV, 287.
 WUHRMANN, K., XXIII, 574.

Y

YAMAMOTO, K., XVI, 364.
 YARON, Z., XXIV, 489.

Z

ZAFAR, A. R., XIII, 287. XXIII, 179.
 XXIV, 556.

PB-1127-9-SUPER PAMS
 735-29T
 PB-1127-5-Sup Pams-CX
 746-50T